

# HEALTH SERVICES FOR VA SUBSTANCE USE DISORDER PATIENTS

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Comparison of Utilization in  
Fiscal Years 2005, 2004, 2003, and 2002



## Department of Veterans Affairs

- Program Evaluation and Resource Center
- HSR&D Center for Health Care Evaluation

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**Health Services for VA Substance Use Disorder Patients:  
Comparison of Utilization in Fiscal Years  
2005, 2004, 2003, and 1998**

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## **Terms and Abbreviations used in this Report**

Index Episode = first episode of extended or inpatient care from which the substance use disorder patient was discharged during the fiscal year

Non-Specialized Care = outpatient, extended, or inpatient care provided in settings other than a specialized substance use disorder setting

NPCD = National Patient Care Database

OAT = Opioid Agonist Therapy

OIF / OEF = Operation Iraqi Freedom / Operation Enduring Freedom

QUERI = Quality Enhancement Research Initiative

Specialized Care = outpatient, extended, or inpatient care provided within any specialized substance use disorder setting

SUD = Substance Use Disorder

SUD Patients = patients diagnosed with substance use disorders (excluding those with only a nicotine dependence diagnosis who did not receive specialized care)

VA = Department of Veterans Affairs

VISN = Veterans Integrated Service Network

## Executive Summary

The purpose of this report is to provide summary data for Fiscal Year 2005 (FY05) on demographic and service episode characteristics of Department of Veterans Affairs (VA) outpatients, extended care patients, and inpatients diagnosed with a substance use disorder (SUD). To provide information on recent changes in VA SUD treatment, the report compares outpatient services, extended care, and inpatient care received in FY05 with that for FY04 and FY02.

In this report, the term "SUD patients" refers to patients diagnosed with substance use disorders,<sup>1</sup> including those with co-morbid psychiatric and medical disorders. The outpatient, extended care, and inpatient samples overlap because a SUD patient may have received more than one of these types of care during the fiscal year. Within each of these three types of care, SUD patients are divided into specialized care and non-specialized care groups, which do not overlap. The term "specialized care" refers to care provided within any specialized SUD setting (outpatient, extended, or inpatient care), whereas the term "non-specialized care" refers to care provided in other settings. Thus, a SUD patient who received specialized outpatient care and non-specialized inpatient care was counted in both the "specialized outpatient care group" and "non-specialized inpatient care group."

The main body of the report summarizes nationwide data for SUD outpatients, extended care patients, and inpatients. Data were drawn from the National Patient Care Database, specifically the Medical SAS Outpatient Datasets and Medical SAS Inpatient Datasets. The appendices provide FY05 data for each facility in each of the 21 Veterans Integrated Service Networks (VISNs) and summary data for each VISN.<sup>2</sup>

**Please note that the methodology used to produce this year's report and the ways in which we identify SUD patients has changed significantly (particularly for SUD outpatients).** In order to retain this report's emphasis on tracking longitudinal changes in number and health utilization of SUD patient in the VA, all numbers reported in this year's report reflect the new methodology and use FY02 as an initial reference point. Further details about the nature of changes in our report are included in the methodology section entitled "Changes to the FY05 Report."

### **Total Number of Unique SUD Patients in the VA**

In FY05, a total of 341,908 unique SUD patients received care in the VA. Of those, 119,158 received specialized care; the remaining 222,750 SUD patients received no specialized care. Approximately 38% of all SUD patients were diagnosed with a co-morbid psychiatric disorder. In addition to the 341,908 unique SUD patients, 453,038 patients had a nicotine dependence diagnosis only and did not receive any specialized care.

### **SUD Patients Receiving Specialized Outpatient Care**

A total of 117,808 SUD patients received specialized outpatient care in FY05. Of these SUD patients, 60% were diagnosed with a co-morbid psychiatric disorder.

Among SUD outpatients, those receiving specialized care other than opioid agonist therapy (OAT) averaged 20.0 visits each, or more than 2.31 million visits during the fiscal year. SUD patients seen in specialized care (OAT visits excluded) were seen for an average of 3.5 months during the fiscal year.<sup>3</sup>

In FY05, of the 26,818 VA patients who had a diagnosis of opiate dependence, 6,148 (23%) had six or more OAT stops. The 8,162 SUD patients who had one or more OAT visits received a total of 695,056 visits, or an average of 84 visits per SUD patient.

### **SUD Outpatients Not Receiving Specialized Care**

A total of 206,945 SUD outpatients did not receive specialized outpatient care in FY05. Of these, 55% were diagnosed with a co-morbid psychiatric disorder. The largest group of these SUD patients, 128,013 (62%), was identified in primary care settings. In addition to the 206,945 SUD outpatients not seen in specialized care settings, 444,628 non-specialized outpatients had a nicotine dependence diagnosis.

### **SUD Patients Receiving Specialized Extended Care**

A total of 12,766 SUD patients received specialized extended care in FY05. The average total length of stay for the year was 54.9 days. In FY05, SUD patients received a total of 700,283 days in specialized extended care.

Of the SUD patients treated in specialized extended care units, 8,902 (69%) received specialized outpatient care afterwards. Among these SUD patients, 70% attended four or more specialized outpatient care appointments. In FY05, 52% of all SUD patients in specialized extended care were diagnosed with co-morbid psychiatric disorders, as compared with 51% in FY04 and FY02.

### **SUD Extended Care Patients Not Receiving Specialized Care**

A total of 12,435 SUD extended care patients did not receive specialized extended care in FY05. The average total length of stay for the year was 65.5 days. SUD extended care patients in non-specialized care were seen for a total of 878,506 days in the fiscal year. None of the SUD patients seen in non-specialized extended care settings received specialized outpatient care afterwards. In addition to the 12,435 SUD extended care patients seen in non-specialized care settings, 823 non-specialized extended care patients had a nicotine dependence diagnosis only.

### **SUD Patients Receiving Specialized Inpatient Care**



A total of 2,425 SUD patients received specialized inpatient care with the average length of the index episode of care being 9.6 days. After taking additional episodes of care into account, the average total length of care during the year for SUD patients receiving specialized inpatient care was 10.7 days, for a total of 25,843 days in the fiscal year.

Of the SUD patients seen in specialized inpatient units, 1,415 (58%) received specialized outpatient care afterwards. Among these 1,415 SUD patients, 78% attended four or more specialized outpatient care appointments. In FY05, 1,361 (56%) SUD inpatients seen in specialized care were diagnosed with co-morbid psychiatric disorders, as compared to 54% in FY04 and 50% in FY02.

### **SUD Inpatients Not Receiving Specialized Care**

A total of 62,594 SUD inpatients did not receive specialized inpatient care in FY05. The average total length of stay for the year for SUD inpatients seen in non-specialized care was 12.5 days, for a total of 608,930 days in the fiscal year. None of the SUD patients seen in non-specialized inpatient settings received specialized outpatient care afterwards. In addition to the 62,594 SUD inpatients seen in non-specialized care settings, 15,014 non-specialized inpatients had a nicotine dependence diagnosis.

### **Changes in Specialized Care Utilization Across FY05, FY04, and FY02**

**Total SUD Patients** Substantial changes were observed in the number of SUD patients treated in specialized care settings between FY02 and FY05. The total number of SUD patients seen in any type of specialized care decreased 2.2% since FY04 and 6.6% since FY02. The number of SUD patients seen in specialized outpatient care decreased 1.6% since FY04 and decreased 5.1% since FY02. The number of SUD patients seen in specialized extended care decreased 4.1% since FY04 and 4.7% since FY02. Lastly, the number of SUD patients seen in specialized inpatient care decreased 31.3% since FY04 and 65.4% since FY98.

**Utilization** Changes were also observed between FY02 and FY05 in utilization of specialized care for SUD patients. The average number of specialized outpatient care visits (opioid agonist therapy visits excluded) per SUD patient increased 2.8% since FY04 and increased 7.6% since FY02. The average total length of stay for SUD extended care patients in specialized units increased 0.3% since FY04 and 7.9% since FY02. In FY05, the average total length of stay in specialized inpatient units increased 3.8% relative to FY04 and decreased 19.3% compared with FY02.

### **Changes in Non-Specialized Care Utilization Across FY05, FY04, and FY02**

**Total SUD Patients** Substantial changes were observed in the number of SUD patients who were not seen in specialized care settings between FY02 and FY05. The total number of SUD patients seen in non-specialized care increased 4.6% since FY04

and 17.9% since FY02. The number of SUD outpatients seen in non-specialized care increased 9.3% since FY04 and 41.2% since FY02. The number of SUD extended care patients seen in non-specialized care increased 0.3% since FY04 and 0.4% since FY02. Lastly, the number of SUD inpatients seen in non-specialized care increased 1.0% since FY04 and 5.0% since FY02.

**Utilization** Changes were also observed between FY02 and FY05 in utilization of non-specialized care for SUD patients. The average number of visits for SUD patients seen in non-specialized outpatient appointments decreased 0.7% since FY04 and 3.5% since FY02. The average total length of stay in non-specialized care for SUD extended care patients increased 1.2% since FY04, and 0.2% since FY02. In FY05, the average total length of stay for SUD inpatients decreased 3.6% relative to FY04 and 8.3% compared with FY02.

## Introduction

The Department of Veterans Affairs (VA) is committed to providing high-quality treatment for substance use disorder (SUD) patients. The nature and organization of VA SUD services has changed substantially over recent years and will continue to evolve in the future. The focus of treatment has shifted from acute inpatient care to outpatient and extended care.

The Program Evaluation and Resource Center (PERC) is mandated to evaluate VA specialized SUD treatment services nationwide. One set of PERC reports focuses on the staffing, services, policies, and treatment processes of VA's outpatient, extended care, and inpatient specialized treatment programs (Peterson et al., 1993; Peterson et al., 1994a; Humphreys, Hamilton, & Moos, 1996; Humphreys, Dearmin-Huebsch, & Moos, 1998; Humphreys & Horst, 2001; Tracy, Trafton, & Humphreys, 2004). These reports provide information on program goals and treatment orientations, assessment procedures, treatment activities and amount of services provided, as well as comparisons between the VA and other public and private programs.

A second set of PERC reports provides an overall context within which to assess the changing nature of VA specialized treatment services. Earlier reports provide summary information on the nationwide utilization of VA health services by SUD patients from FY88-FY92 (Moos, Stephan, & Swindle, 1993), in FY93 (Piette, Swindle, Baisden, & Moos, 1994), in FY94 (Piette, Baisden, & Moos, 1995), between FY88, FY93, and FY95 (Piette, Baisden, & Moos, 1996), in FY96 (Piette, Baisden, & Moos, 1997), in FY97 (Piette, Baisden, & Moos, 1998), from FY95-FY98 (Piette, Baisden, & Moos, 1999), between FY95, FY98, and FY99 (Piette & Fong, 2000), between FY95, FY99, and FY00 (Piette & Fong, 2001), between FY95, FY00, and FY01 (McKellar & Lie, 2002), and between FY98, FY01, and FY02 (McKellar, Lie, & Humphreys, 2003). Information obtained from these reports is used as part of VA's annual budgeting process and to monitor the performance, nature and extent of Veterans Integrated Service Networks' provision of specialized treatment services (Piette, Nazari, & Moos, 1997; Piette, Baisden, & Moos, 1998a; Fong & Piette, 1999; Fong & Piette, 2000; Fong & McKellar, 2001; Lie, Poon, & McKellar, 2002; Lie & McKellar, 2003).

The current report provides summary data for FY05 on the demographic and service episode characteristics of VA SUD outpatients, extended care patients, and inpatients. Similar data for SUD patients treated in FY04 and FY02 are included for comparison.

## Methodology

The data reported here are drawn from the VA administrative databases maintained by the Austin Automation Center. Information on SUD outpatients, extended care patients, and inpatients is drawn from the National Patient Care Database; specifically, the Medical SAS Outpatient Datasets (also called Outpatient Care File) and Medical SAS Inpatient Datasets (also called Patient Treatment File).

When presenting information about changes across fiscal years, the report describes differences in percentages as a “percent change.” For example, if 20% of SUD patients had a psychiatric diagnosis in FY02 and 23% had such a diagnosis in FY05, this would be described as a 3% increase. Changes in numbers that are not percentages (e.g. average lengths of hospitalizations) are also described in terms of percent change, using the usual formula:  $(\text{Time 2 data} - \text{Time 1 data}) / \text{Time 1 data}$ . In the appendices, we present data for FY05 for each facility in each of the 21 Veterans Integrated Service Networks (VISNs) and summary data for each VISN.<sup>4</sup>

### **Identification of SUD Diagnoses**

In this report, the term “SUD patients” refers to patients diagnosed with SUDs, including those with co-morbid psychiatric and medical disorders. Patients’ diagnoses are based on the ICD-9-CM International Classification of Diseases (Commission on Professional and Hospital Activities, 1986). SUD diagnoses cover alcohol dependence and abuse (including alcohol psychoses), and drug dependence and abuse (including drug psychoses). It should be noted that overall SUD patient counts exclude those whose only diagnosis is nicotine dependence and who were **not** seen in a specialized treatment setting. Psychiatric diagnoses include schizophrenic disorders, manic or bipolar affective psychoses, posttraumatic stress disorders, depressive disorders, borderline or antisocial personality disorders, and other psychiatric disorders.<sup>5</sup>

### **Identification of SUD Outpatients, Extended Care Patients, and Inpatients**

Separate chapters in this report describe the characteristics and service utilization of SUD outpatients, extended care patients, and inpatients.

SUD Outpatients We identified all unique SUD outpatients seen at each VAHCS and freestanding outpatient clinics; these figures include SUD patients who visited satellite outpatient clinics associated with parent medical centers. SUD outpatients were identified based on their outpatient diagnoses associated with each of their clinic visits during the fiscal year.

SUD Extended Care Patients We identified all unique SUD extended care patients discharged during FY05 from each VAHCS. SUD extended care patients were identified based on their extended care diagnoses associated with each of their extended care stays. Extended care stays are inpatient stays that occur in extended care units (i.e. domiciliaries, VA nursing homes or community

nursing homes). For each SUD patient, the index episode was defined as the first episode of extended care from which the SUD patient was discharged during the fiscal year.

**SUD Inpatients** We identified all unique SUD inpatients discharged at least once during FY05 from each VAHCS. SUD inpatients were identified based on their inpatient diagnoses associated with each of their bedsection stays. For each SUD patient, the index episode was defined as the first episode of inpatient care from which the SUD patient was discharged during the fiscal year.

The outpatient, extended care, and inpatient samples overlap. For example, an SUD patient who was both an SUD outpatient and an SUD inpatient at a VA facility in FY05 is counted in both samples.

### **Identification of Specialized and Non-Specialized Care**

#### **A. SUD Outpatient, Extended Care, and Inpatient Sections of the Report**

Within a specific setting (i.e., outpatient, extended care, or inpatient), SUD patients were counted in one of two non-overlapping groups: specialized care or non-specialized care.

**Specialized Care** The term “specialized care” refers to care provided within a specialized SUD setting (that is, a unit designated as an alcohol, drug, or SUD clinic or bedsection).<sup>6,7</sup> We describe these SUD patients' use of specialized care in terms of the total number of SUD clinic visits for SUD outpatients, extended care stays for SUD extended care patients, and bedsection stays for SUD inpatients.<sup>8,9</sup>

**Non-Specialized Care** The term “non-specialized care” refers to care provided within any non-SUD setting. We describe SUD outpatients', SUD extended care patients', and SUD inpatients' use of non-specialized care in terms of the total number of clinic visits, extended care stays, and bedsection stays for all non-SUD services, respectively.<sup>10,11</sup> It should be noted that, contrary to prior reports, counts of non-specialized patients no longer include patients whose only SUD-related diagnosis is nicotine dependence.

As an example, an SUD patient who was both an SUD outpatient receiving non-specialized care and an SUD inpatient receiving specialized care during the fiscal year was counted in both the non-specialized outpatient care group and the specialized inpatient care group.

#### **B. Total Unique SUD Patients Section of the Report**

In the “total unique SUD patients” section of the report, SUD patients that received specialized care in one setting and non-specialized care in another setting were only counted in the specialized care group. For example, an SUD patient who

received both non-specialized outpatient care and specialized inpatient care was only counted in the specialized care group for this section of the report. An SUD patient who only received non-specialized care during the fiscal year was counted in the non-specialized care group.

## **FY05 CHANGES TO THE REPORT METHODOLOGY**

Changes in the numbers of reported FY05 SUD patients, particularly SUD patients seen in specialized outpatient setting, are due to modifications in the following areas: 1) How we report patients with only a nicotine dependence diagnosis, and 2) How we identify outpatients with an SUD diagnosis.

1) Some readers of last year's report asked for clarification of which data tables included patients with only a nicotine dependence diagnosis who **did not** receive any specialized care. This year's report excludes this group of patients from tables, restricting to the text data on nicotine dependence only patients seen outside of specialized care. Although nicotine dependence contributes substantially to morbidity and mortality among veterans, alcohol and illegal drugs are the primary clinical focus of SUD treatment programs in the VA. Patients who received specialized care and only had a nicotine dependence diagnosis were included in overall patient counts.

2) Prior versions of our report identified a number of patients seen in specialized outpatient care who did not have an SUD diagnosis. Depending on the year of the report, this number ranged from 26 to 29,000 patients. Improvements in our ability to code and identify outpatient diagnoses through the course of the year and has resulted in significantly greater numbers of SUD patients being identified in outpatient settings and significantly fewer patients seen in the same outpatient settings who did not have an SUD diagnosis. Also, our new methodology significantly increased the percentage of patients identified with a comorbid psychiatric diagnosis.

### **Report Outline**

The body of this report is separated into the following sections:

	Number of SUD Patients:
1. SUD Outpatients seen in Specialized Care	117,808
2. SUD Outpatients not seen in Specialized Care	206,945
3. SUD Extended Care Patients seen in Specialized Care	12,766
4. SUD Extended Care Patients not seen in Specialized Care	12,435
5. SUD Inpatients seen in Specialized Care	2,425
6. SUD Inpatients not seen in Specialized Care	62,594

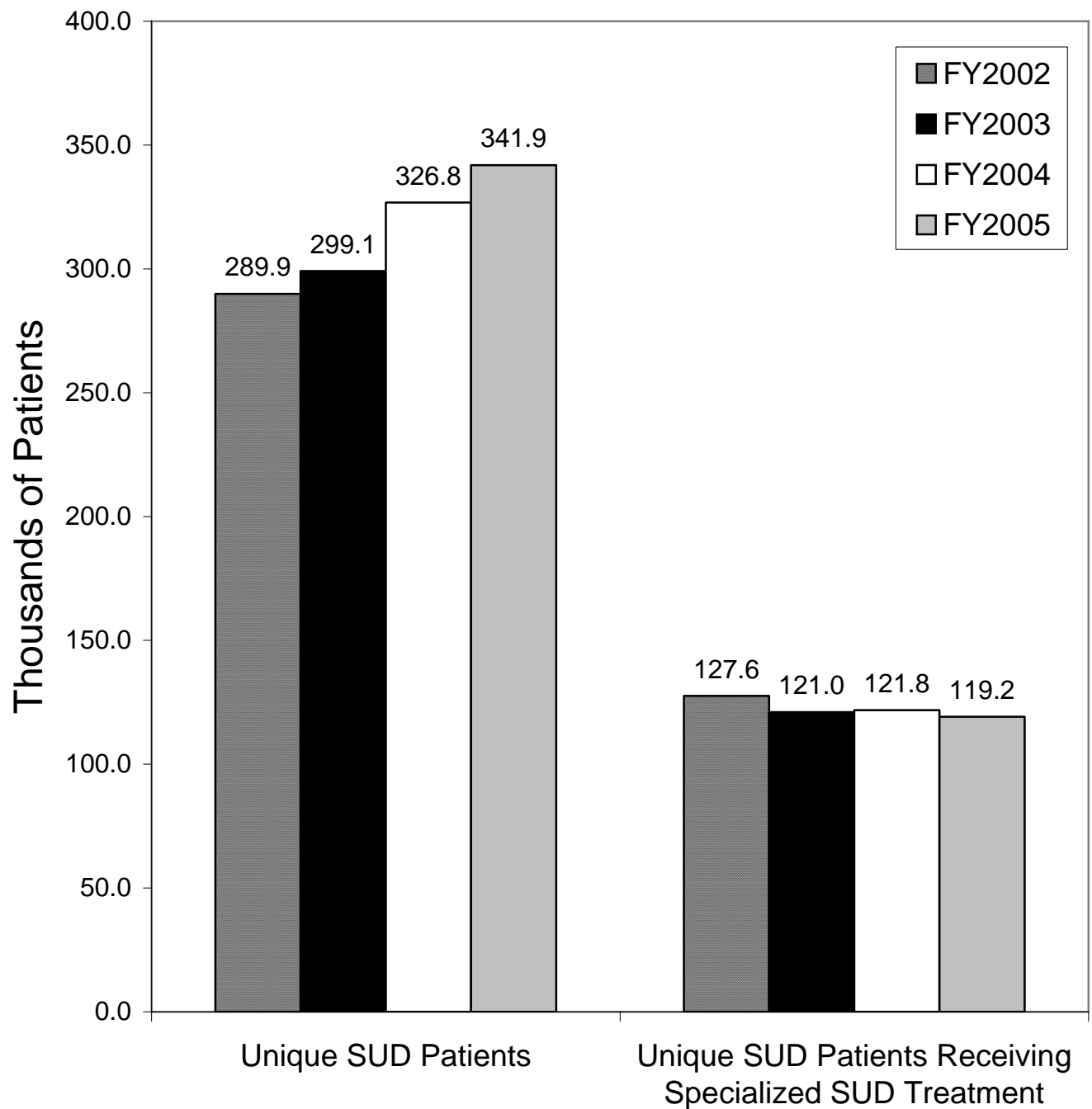
## **Total Number of Unique SUD Patients in the VA**

### **Specialized Care Across All Settings**

In FY05, 341,908 unique VA SUD patients were diagnosed during either an outpatient treatment episode (324,753), an extended care episode (26,024), or an inpatient episode (65,019). Of these SUD patients, 119,158 (35%) received specialized treatment of some type. A total of 117,808 (34%) received specialized outpatient care, 12,766 (4%) received specialized extended care, and 2,425 (less than 1%) received care in a specialized inpatient treatment unit. Of the patients treated in a specialized SUD unit, 8,279 did not have an identifiable SUD diagnosis.<sup>12</sup> In addition, 5,059 of these patients only had a nicotine dependence diagnosis.

There have been dramatic changes over recent years in the total number of SUD patients treated in VA, as well as their use of specialized services (Figure 1). The total number of unique SUD patients increased 4.6% between FY04 and FY05 (from 326,800 to 341,908) and increased 17.9% since FY02 (from 289,908). However, the number of patients receiving some specialized care decreased 2.2% between FY04 and FY05 (from 121,798 to 119,158) and decreased 6.6% since FY02 when 127,590 patients received specialized care. When considering the proportion of SUD patients receiving some specialized services, changes were even more striking. Whereas 34.9% of SUD patients received specialized care in FY05, 37.3% received specialized care in FY04, and 44.0% did in FY02.

Figure 1. Unique Substance Use Disorder Patients in FY02, FY03, FY04 and FY05





### **Total Days in Specialized and Non-Specialized Care Across All Settings**

Overall, SUD outpatients accounted for 2.31 million outpatient visits in specialized care other than OAT, or 3.0% of the 75.93 million outpatient visits the VA provided in FY05 (Figure 2 and Figure 3). SUD outpatients accounted for 4.64 million outpatient visits in non-specialized care, or 6.1% of all outpatient visits provided in FY05. SUD extended care patients had 700,283 days of care in specialized settings, or 17.3% of the 4.03 million days of extended care the VA provided in FY05. SUD extended care patients had 878,506 days of non-specialized care in FY05, or 21.8% of all extended care days the VA provided that year. Finally, SUD inpatients had 25,843 days of specialized care during FY05, less than 1% of the 4.15 million days of inpatient care the VA provided in FY05. SUD inpatients had 608,930 days of non-specialized care, or 14.7% of all days in inpatient care the VA provided that year.

### **Demographic Characteristics of All VA SUD Patients**

Approximately 96.2% of the 341,908 SUD patients were men, and 29.3% were married. Of the 49.8% of SUD patients with racial/ethnic information available, approximately 58.8% were Caucasian, 30.8% were African-American, 6.1% were Hispanic, and less than 1% were of other racial/ethnic groups. Approximately 55.1% of all SUD patients had served during the Vietnam War era. A total of 83.0% were in the Means Test Category A; 35.4% had service-connected disabilities.<sup>13</sup> Approximately 13.2% of SUD patients were over the age of sixty-five.

### **Operation Iraqi Freedom / Operation Enduring Freedom**

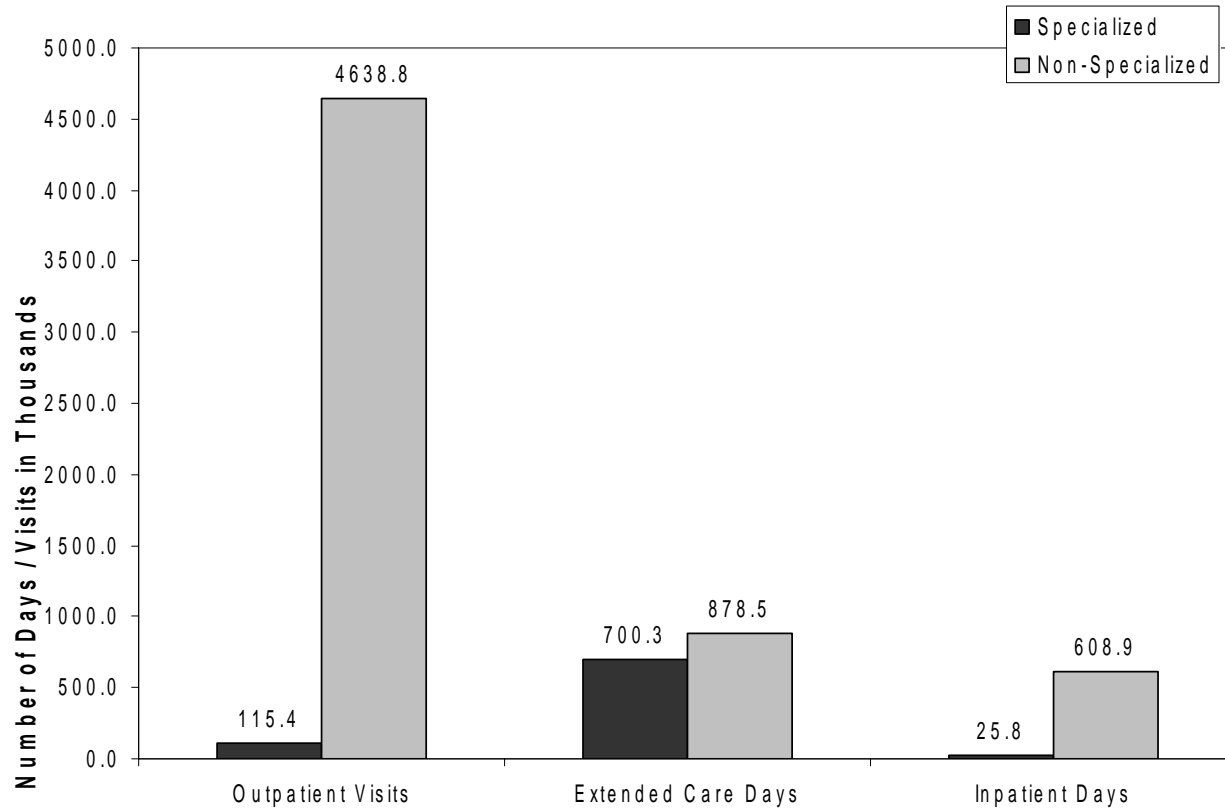
Combat veterans are eligible for medical services after “separation from military service.” To determine the date that a combat veteran separated from service we used the indicator “combat\_dt” from the NPCD. This variable indicates whether a veteran is eligible for care because of service within a combat zone. The designation of OIF / OEF pertains only to veterans who have separated since September 11, 2001. The numbers reported in this section are preliminary.

Approximately 66,955 outpatients were OIF / OEF veterans in FY05. Of these, 1,430 (2.1%) were identified as SUD patients and received specialized treatment, whereas 2,938 (4.4%) SUD patients did not receive specialized SUD care. The majority of OIF / OEF SUD patients were seen in outpatients settings. Of these, 1,408 were seen in specialized outpatient settings and 2,566 received non-specialized outpatient care. Approximately 26 patients were seen in a specialized inpatient setting and 461 were treated in a non-specialized inpatient setting. Approximately 90 patients were seen in a specialized extended care setting and 89 were seen in a non-specialized extended care setting.

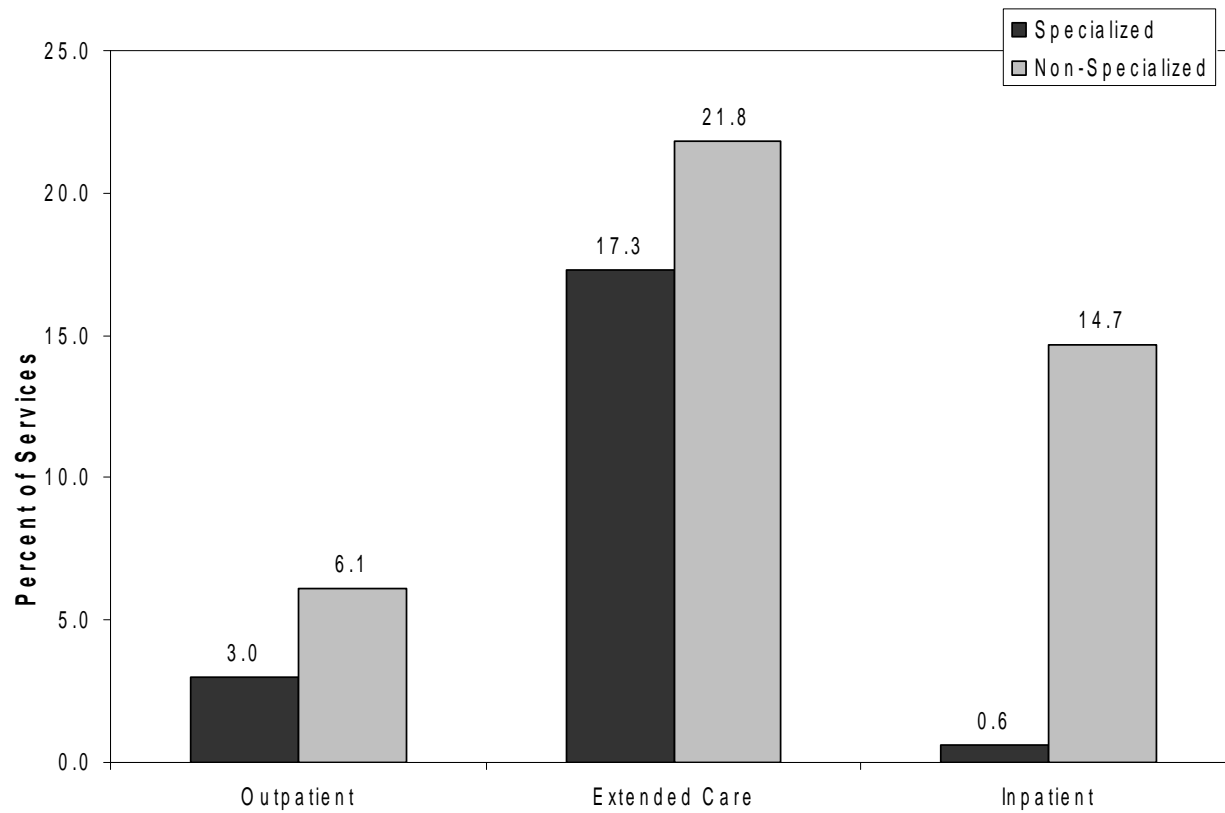
**Diagnostic Categories of All VA SUD Patients**

In all, 175,268 SUD patients, or 51.3% of all SUD patients in the VA, had an alcohol abuse/dependence diagnosis only. A total of 64,425 SUD patients, or 18.8% of all SUD patients in the VA, had a drug abuse/dependence diagnosis only. In all, 88,886 SUD patients, or 26.0% of all SUD patients in the VA with an SUD, had both alcohol abuse/dependence and drug abuse/dependence diagnoses. Among the 153,311 SUD patients with a drug use disorder, 44.8% were dependent on cocaine, 19.8% were dependent on opioids, and 26.8% were dependent on cannabis, 6.1% were dependent on amphetamines, and 3.0% were dependent on barbiturates. In addition, 453,038 patients not seen in a specialized care setting were dependent on nicotine.

**Figure 2: Total Number of Outpatient Visit, and Extended Care and Inpatient Days for SUD Patients in FY05**



**Figure 3: Percent of All VA Health Care Services Used by SUD Patients in FY05**



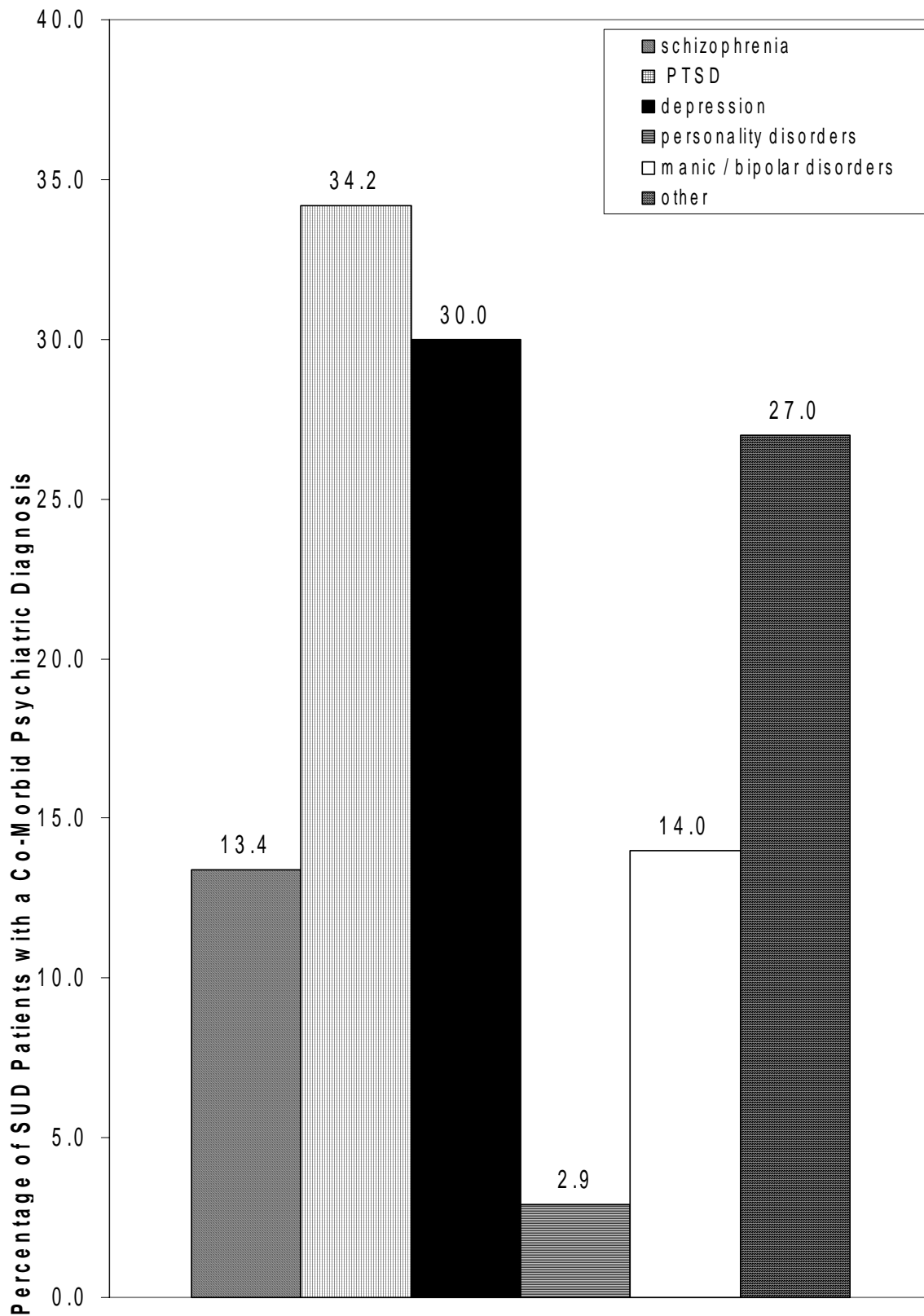
**Co-morbid Psychiatric Diagnoses**

In FY05, 130,050, or 38% of all VA SUD patients, had co-morbid psychiatric disorders. Of those, 13.4% had diagnoses of schizophrenia, 34.2% had PTSD, 30.0% had depression, and 2.9% had personality disorders. In addition, 14% had manic or bipolar disorders, and 27% had other psychiatric disorders (Figure 4).

**Selected Medical Co-morbidities**

A total of 4,762 SUD patients, or 1.4% of all SUD patients in the VA, had a diagnosis of human immunodeficiency virus (HIV). Of the HIV-diagnosed SUD patients, 2,267 (47.6%) received specialized SUD treatment. A total of 44,438 SUD patients, or 13.0% of all SUD patients in the VA, had a diagnosis of hepatitis C. Of the hepatitis C-diagnosed SUD patients, 20,663 (46.4%) received specialized SUD treatment. A total of 1,759 SUD patients, or 0.5% of all SUD patients in the VA, had both a HIV diagnosis and a hepatitis C diagnosis. Of these SUD patients, 936 (53.2%) received specialized SUD treatment.

**Figure 4: Psychiatric Diagnosis of SUD Patients with Co-Morbid Psychiatric Disorders in FY05**



## **SUD Outpatients Seen in Specialized Care**

The VA provides a considerable amount of care in outpatient settings. In this section, we focus on the specialized outpatient care provided in FY05 to 117,808 SUD outpatients.

### **Total Number of SUD Outpatients**

In FY05, 5.00 million unique outpatients were seen in VHA nationwide. The number of unique outpatients increased 2.7% since FY04 (from 4.87 million) and 12.7% since FY02 (from 4.44 million). Of the 324,753 SUD outpatients in FY05, 117,808 (36.3%) received specialized care. Compared to FY04 and FY02, the number of outpatients diagnosed with SUD increased 5.1% and 20.0% respectively. The number of SUD patients seen in specialized care decreased 1.6% since FY04 and decreased 5.1% since FY02 (Figure 5).<sup>14</sup> Of the 117,808 SUD outpatients seen in specialized care, 17,920 (15.2%) had previously received non-specialized inpatient care during FY05. 1,436 (1.2%) had previously received non-specialized extended care treatment during FY05.

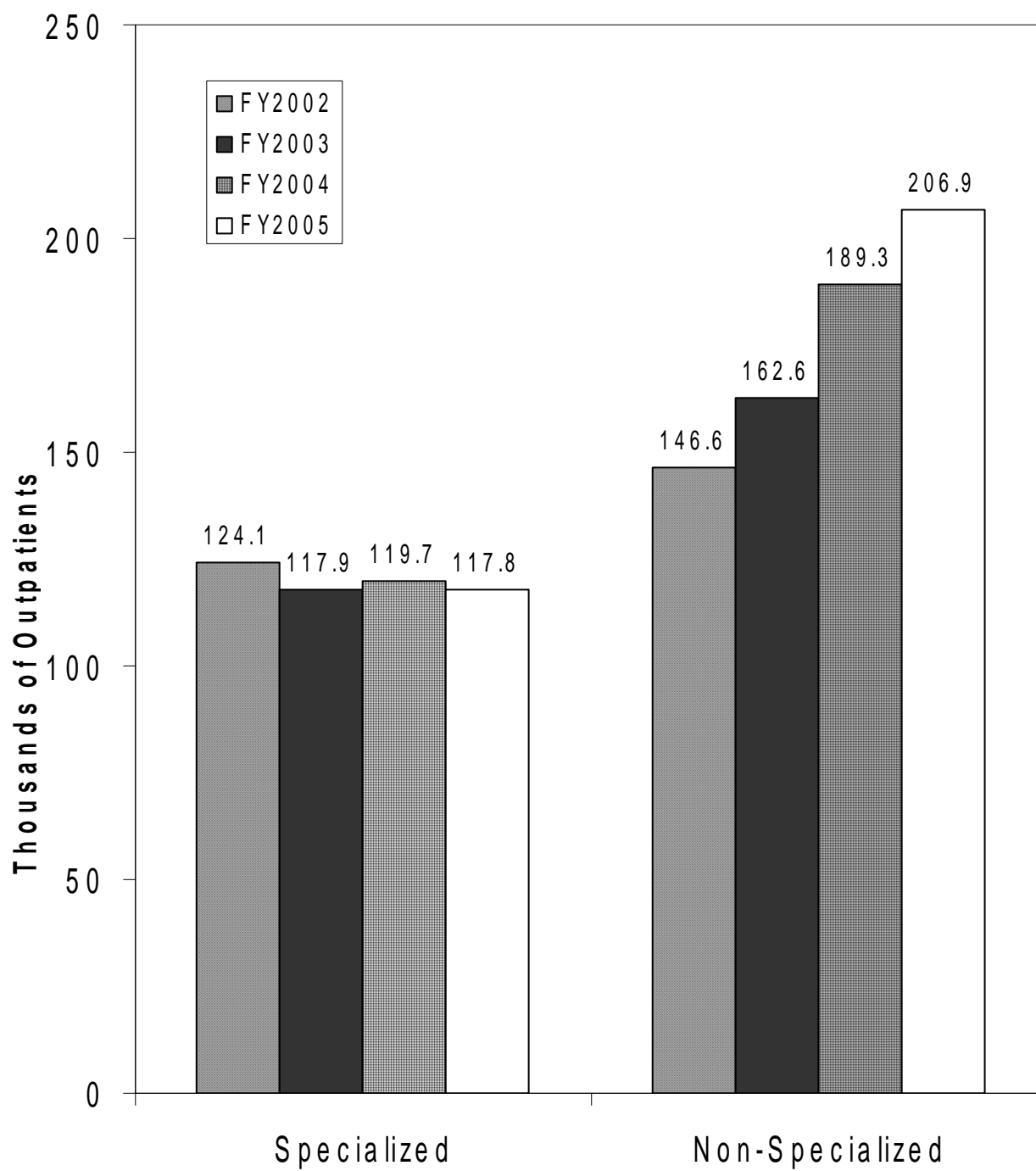
### **Demographic Characteristics**

Approximately 95.3% of the 117,808 SUD outpatients seen in specialized care were men; on average they were 51.2 years old, and 23.6% were married. Overall, 6.3% were over the age of 65. Of the 49.9% of specialized outpatients with racial/ethnic information available, 52.2% were Caucasian, 40.4% were African-American, 6.1% were Hispanic, and 1.1% were of other racial/ethnic groups. Overall, 52.0% of all SUD outpatients seen in specialized care had served during the Vietnam War era. A total of 83.6% were in the Means Test Category A; 34.4% had service-connected disabilities.

### **Diagnostic Characteristics**

In FY05, 25.0% of SUD outpatients seen in specialized care had a diagnosis of alcohol abuse/dependence only, 17.3% had a diagnosis of drug abuse/dependence only, and 45.0% had both disorders. Moreover, 60% of SUD outpatients seen in specialized care had one or more psychiatric disorders. Of the SUD outpatients seen in specialized care, 5,194 (4.4%) had nicotine dependence as their only substance-related diagnosis.

**Figure 5: Number of SUD Outpatients in FY02, FY03, FY04 and FY05**



### **Specialized Care Utilization Other than Opioid Agonist Therapy**

The 115,372 SUD outpatients who received specialized care (OAT visits excluded) had an average of 20.1 specialized clinic visits, or 1.6% less than in FY04 and 5.2% less than in FY02 (Figure 6). SUD outpatients were seen for an average of 3.5 months during the fiscal year (see Footnote 2). In FY05, 50,058 (43.4%) SUD outpatients had more than 10 visits. In all, SUD outpatients had a total of 2.31 million specialized clinic visits, which is 3.0% of the 75.93 million outpatient visits the VA provided. The total number of specialized outpatient SUD visits increased 1.2% since FY04 and decreased 2.0% since FY02.

### **Opioid Agonist Therapy (OAT)**

In FY05, of 26,818 VA SUD patients with an opiate dependence diagnosis, 6,148 (22.9%) had six or more OAT visits. The number of VA SUD patients with opiate dependence increased 2.4% since FY04 and 12.1% since FY02. The number of SUD patients with both opiate dependence and six or more OAT visits decreased 0.9% since FY04 and 6.4% since FY02 (Figure 7).

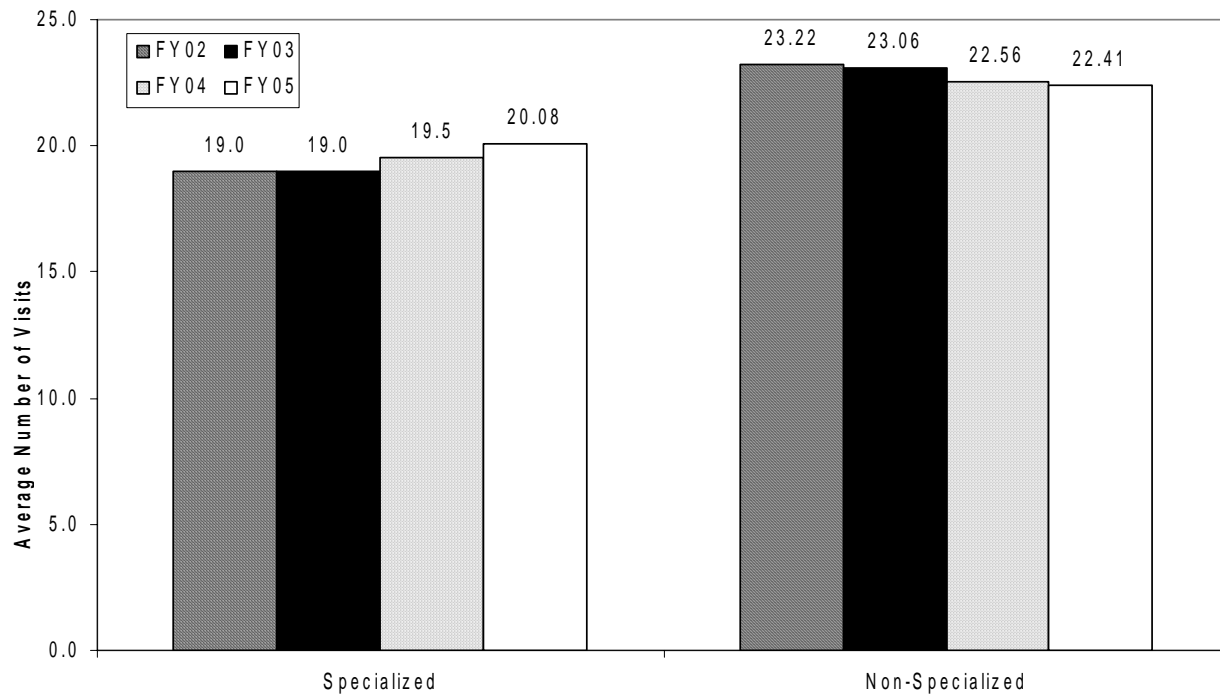
In FY05, 8,162 SUD patients had one or more OAT visits for a total of 695,056 visits, or an average of 84.2 visits per SUD patient. The number of SUD patients seen in OAT decreased 0.7% since FY04 and 7.6% since FY02. The total number of visits decreased by 6.2% since FY04 and 19.8% since FY02.

### **Psychiatric and Medical Care Utilization for SUD Outpatients Seen in Specialized Care**

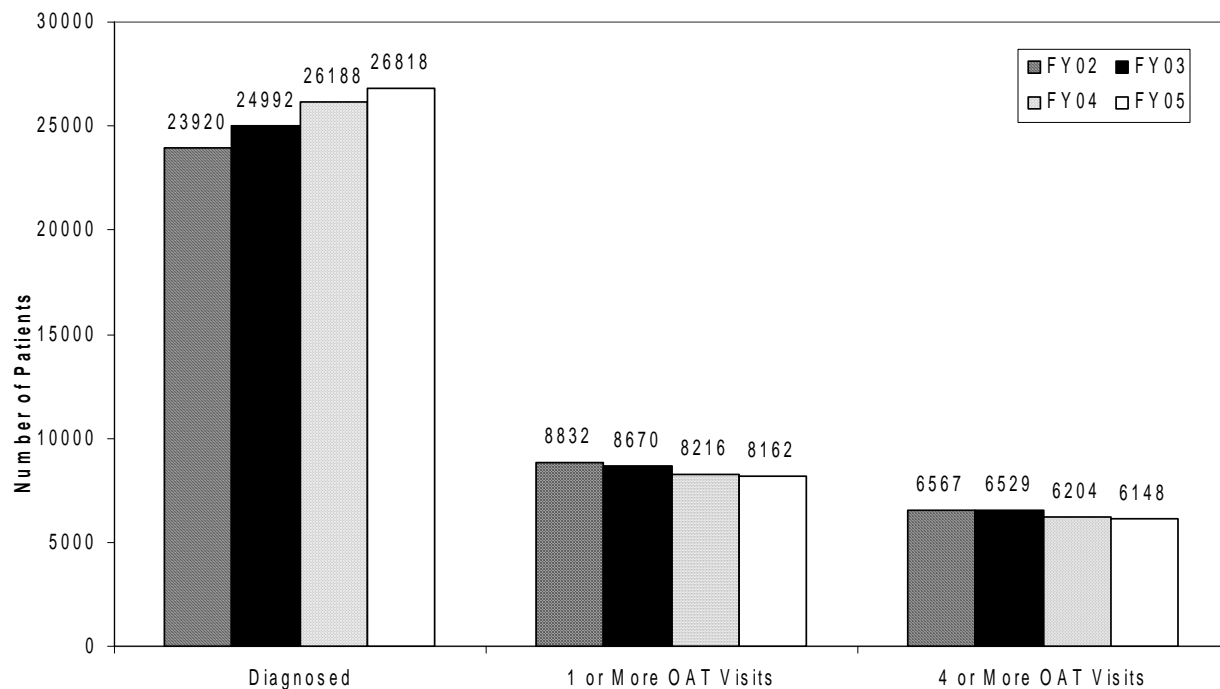
In FY05, SUD outpatients seen in specialized care also had psychiatric and medical clinic visits. SUD outpatients averaged 34.2 psychiatric visits per patient, for a total of 3.98 million visits during the fiscal year. Furthermore, they averaged 26.45 medical visits per SUD patient, for a total of 2.98 million visits in FY05.



**Figure 6: Average Number of Specialized (OAT Excluded) and Non-Specialized Outpatient Visits for Substance Use Disorder Patients in FY02, FY03, FY04 and FY05**



**Figure 7: Number of Opiate Dependence Patients in FY02, FY03, FY04 and FY05**



## **SUD Outpatients not Seen in Specialized Care**

In this section we focus on the outpatient care of the 206,945 SUD patients who did not receive any specialized care, but received one or more appointments in non-specialized outpatient care in FY05.

### **Total Number of SUD Outpatients**

Again, 5.00 million unique outpatients were seen in VHA nationwide in FY05. The number of unique outpatients increased 2.7% since FY04 (from 4.87 million) and 12.7% since FY02 (from 4.44 million). Out of 5.00 million VA outpatients in FY05, 324,753 (6.4%) were SUD outpatients. An additional 444,628 patients had a nicotine diagnosis, but did not receive specialized treatment. Compared to FY04 and FY02, the number of outpatients diagnosed with SUD increased 5.1% and 20.0%, respectively. Of the SUD outpatients, 206,945 (63.7%) received non-specialized care instead of specialized care. Compared to FY04 and FY02, the number of SUD outpatients seen in non-specialized care increased 9.3% and 41.2%, respectively (Figure 5).

### **Demographic Characteristics**

Approximately 96% of the 206,945 SUD outpatients seen in non-specialized care were men; on average they were 55.2 years old, and 32.6% were married. Of the 48.5% of non-specialized outpatients with available racial demographic information, approximately 65.7% were Caucasian, 26.8% were African-American, 6.5% were Hispanic, and 0.9% were of other racial/ethnic groups. Approximately 57.0% of SUD outpatients seen in non-specialized care had served during the Vietnam War era. A total of 82.9% were in the Means Test Category A; 35.4% had service-connected disabilities.

### **Diagnostic Characteristics**

In FY05, 67.2% of SUD outpatients seen in non-specialized care had a diagnosis of alcohol abuse/dependence only, 20.7% had a diagnosis of drug abuse/dependence only, and 12.0% had both disorders. In addition to the 206,945 patients with SUD diagnoses, 444,628 patients had a nicotine dependence diagnosis. Moreover, 55.3% of SUD outpatients seen in non-specialized care had one or more psychiatric disorders.

**Length of Episodes of Non-Specialized Care**

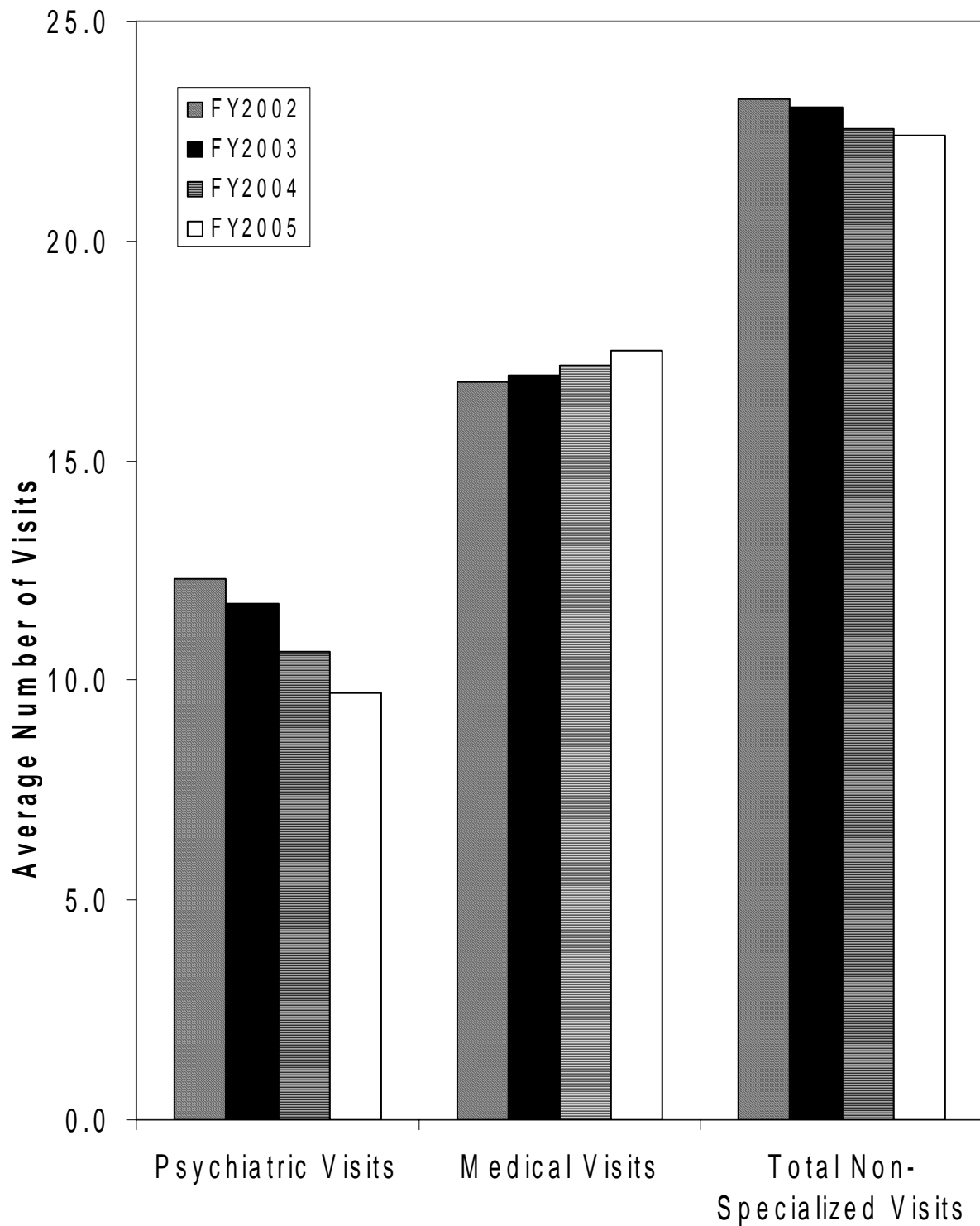
Overall, SUD outpatients received 4.63 million days of care in non-specialized clinics. Compared to FY04, the number of days increased 8.6%, and compared to FY02, the number of days increased 36.3%. The average number of visits for SUD patients seen in all non-specialized outpatient settings was 22.4 visits. The average number decreased 0.7% since FY04 and 3.5% since FY02 (Figure 6).

The average number of visits for SUD patients seen in psychiatric outpatient appointments was 9.7. The average number decreased 8.7% since FY04 and decreased 21.1% since FY02. The average number of visits for SUD patients in medical outpatient appointments was 17.5. The average number increased 1.8% since FY04 and 4.2% since FY98 (Figure 8).

**Primary Care Utilization for SUD Outpatients not seen in Specialized Care**

In FY05, 61.8% of SUD outpatients seen in non-specialized care were diagnosed in primary care. The percentage of SUD outpatients diagnosed in primary care increased 1.2% since FY04 and decreased 0.9% since FY02.

**Figure 8: Average Number of Non-Specialized Outpatient Visits for SUD Patients in FY02, FY03, FY04 and FY05**



## **SUD Extended Care Patients Seen in Specialized Care**

In this section we focus on the extended care of the 12,766 SUD patients who received one or more episodes of care in a specialized extended care unit in FY05.

### **Total Number of SUD Extended Care Patients**

In all, 67,314 patients were discharged from extended care units in FY05. The number of patients discharged from extended care units decreased 1.7% from FY04 (from 68,444), and increased 3% since FY02 (from 65,331). Of the 25,201 SUD extended care patients in FY05, 12,766 (50.7%) were treated in specialized units. Compared to FY04 and FY02, the number of extended care patients diagnosed with SUD decreased 2.0% and 2.2%, respectively. The number of SUD patients seen in specialized care decreased 4.1% since FY04 and decreased 4.7% since FY02 (Figure 9).

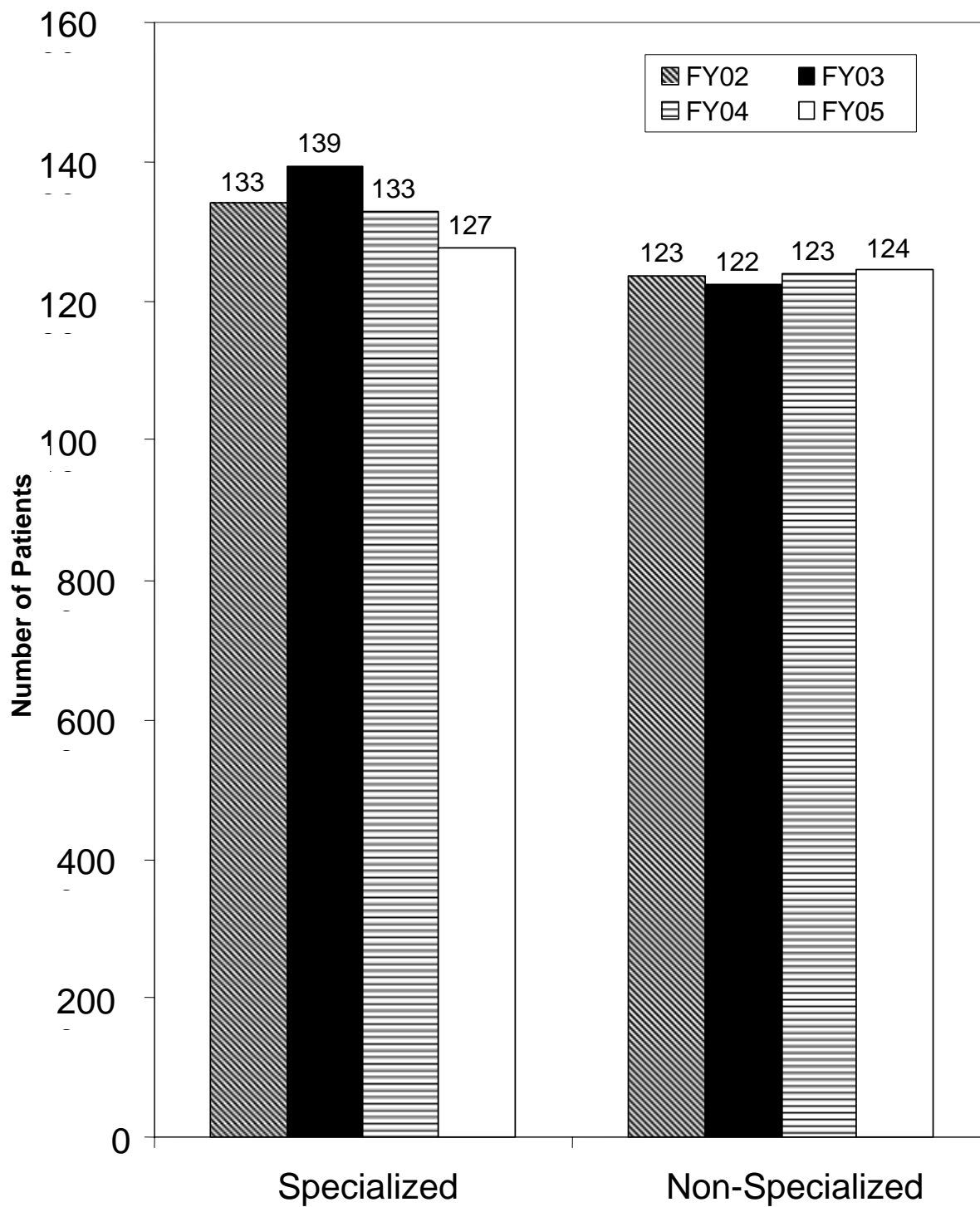
### **Demographic Characteristics**

In FY05, 96.0% of the 12,766 SUD extended care patients seen in specialized settings were men, and 16.2% were married. The mean age was 48.9<sup>15</sup>, and 2.5% were over the age of 65. A total of 47.4% served in the Vietnam War era. Approximately 0.7% were in the Means Test Category A and 23.5% had service connected disabilities.

### **Diagnostic Categories**

In FY05, 26.8% of SUD extended care patients seen in specialized settings had a diagnosis of alcohol abuse/dependence only, 16.8% had a diagnosis of drug abuse/dependence only, and 55.5% had diagnoses of both alcohol and drug abuse/dependence. These percentages have changed less than 0.1% since FY04. Compared to FY98, the proportion of SUD patients with only a diagnosis of alcohol abuse/dependence increased 3.8%, those with only a diagnosis of drug abuse/dependence decreased 0.5%, and those with both diagnoses increased less than 0.1%. Of the 12,766 extended care patients seen in specialized care, 0.2% had only a nicotine dependence, and additional 1.2% had no recorded SUD diagnosis but were treated a specialized SUD unit. In FY05, 51.6% of all SUD extended care patients in specialized care were diagnosed with co-morbid psychiatric disorders, as compared with 50.6% in FY04 and 50.7% in FY02.

Figure 9: Number of Extended Care SUD Patients in FY02, FY03, FY04 and FY05



### **Length of Episodes of Specialized Care**

Overall, SUD extended care patients received 700,283 days of care in specialized units. The number of days decreased 3.4% compared to FY04, and the number of days increased 4.0% compared to FY02. The average length of SUD patients' specialized index stays in FY05 was 33.94 days. The average length of the index stays for SUD patients treated in specialized units decreased 3.3% since FY04 and increased 3.2% since FY98. In FY05, the average total length of SUD patients' specialized stays was 54.9 days. The average total length of stay for SUD patients in specialized units decreased 3.3% since FY04 and 17.1% since FY02 (Figure 10).

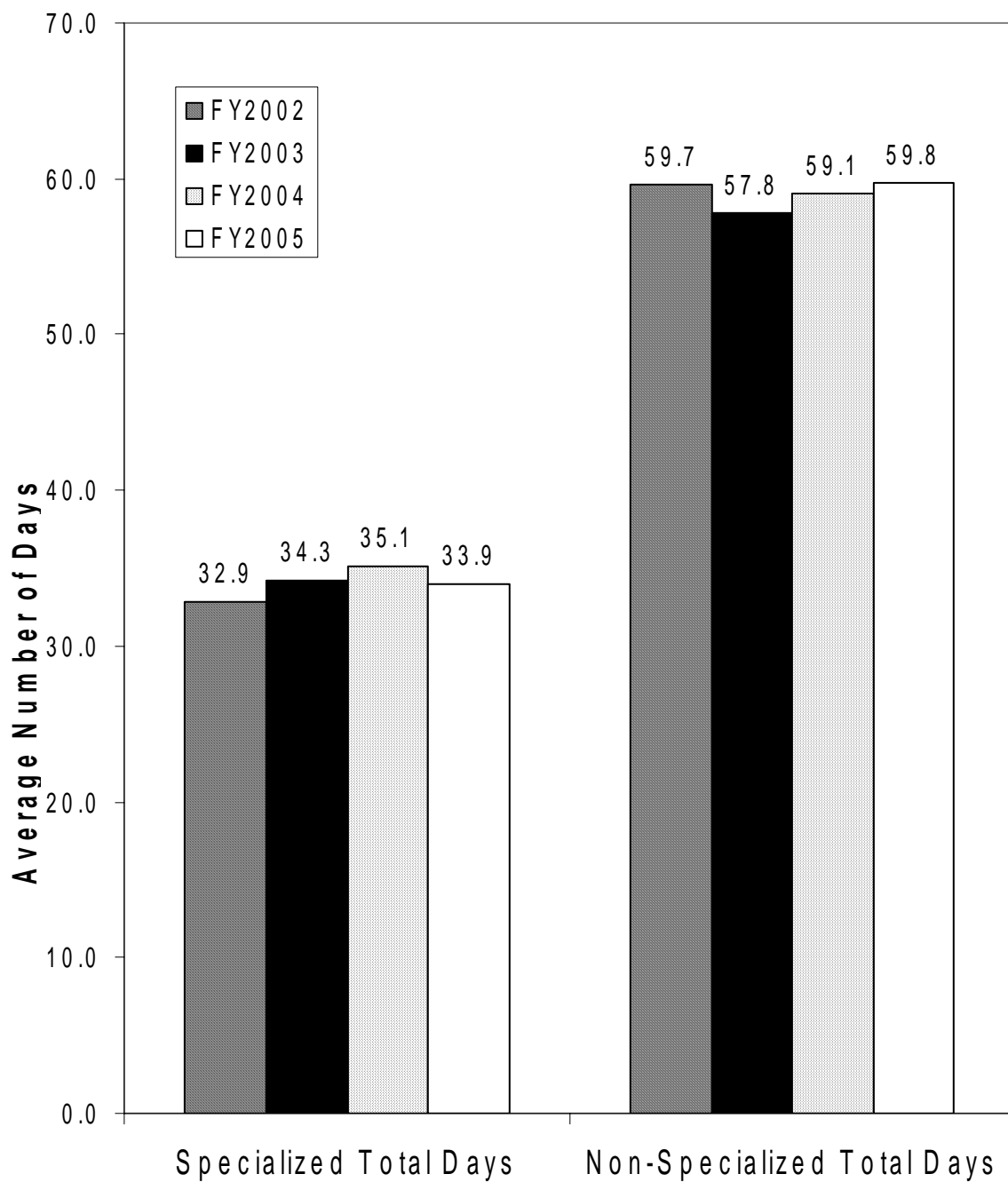
### **Continuity of Care**

We focused on specialized outpatient care for SUD extended care patients, because of the importance of follow-up of outpatient care after specialized extended care episodes (Lie & McKellar, 2003; Peterson et al., 1994b; Swindle et al., 1995).

Of the SUD patients seen in specialized extended care units, 8,902 (69.7%) received specialized outpatient treatment afterwards. This is an increase of 6.6% from FY04 and 17.2% from FY02. In FY05, 6,235 (70.0%) of those SUD extended care patients had four or more visits. This is an increase of 9.1% from FY04 and 28.9% from FY02.

In FY05, 8,804 (78.5%) of SUD extended care patients in specialized care received one or more psychiatric outpatient visits afterwards. This is a decrease of 1.1% from FY04 and an increase of 1.6% from FY02. Of the 8,804 SUD extended care patients in specialized care receiving one or more psychiatric outpatient visits afterwards, 5,601 (63.6%) received four or more visits. This is a decrease of 1.6% from FY04 and a decrease of 2.5% from FY02.

**Figure 10: Average Length to Episodes of Care  
for Extended Care Patients with SUDs in FY02,  
FY03, FY04 and FY05**





## **SUD Extended Care Patients not Seen in Specialized Care**

In this section we focus on the extended care of the 12,435 SUD patients who did not receive any specialized extended care, but received one or more episodes of care in a non-specialized extended care unit in FY05.

### **Total Number of SUD Extended Care Patients**

Again, 67,314 patients were discharged from extended care units in FY05. The number of patients discharged from extended care units decreased 1.7% from FY04 (from 68,444), and increased 3% since FY02 (from 65,331). Of the 25,201 SUD extended care patients in FY04, 12,435 (49.3%) were seen in non-specialized units. Compared to FY04 and FY02, the number of extended care patients diagnosed with SUD decreased by 2.0% and 2.2%, respectively. The number of SUD extended care patients seen in non-specialized care increased by 0.3% since FY04 and increased 0.4% from FY98 (Figure 9).

### **Demographic Characteristics**

In FY05, 97.1% of the 12,435 SUD extended care patients seen in non-specialized settings were men, and 15.0% were married. The mean age was 51.1, and 6.8% were over the age of 65. Approximately 51.2% served in the Vietnam War era. A total of 16.0% were in the Means Test Category A; 29.5% had service-connected disabilities.

Of the SUD patients seen in non-specialized extended care units 21% were treated in psychiatric units and 75% were treated in medical or nursing home units. The remaining 4% of patients were seen in both psychiatric units and medical or nursing home units. Compared to FY04 the proportion of SUD extended care patients in psychiatric units increased 0.6%. Compared to FY02 the proportion of SUD extended care patients in psychiatric units decreased 2.7%. Compared to FY04 and FY02, the proportion of SUD extended care patients in medical or nursing home units decreased 0.5% and increased 3.2%, respectively. Compared to FY04 and FY02, the proportion of SUD extended care patients seen in both psychiatric units and in medical or nursing home units decreased 0.1% and 0.5%, respectively.

### **Diagnostic Characteristics**

In FY05, 39.9% of SUD extended care patients seen in non-specialized settings had a diagnosis of alcohol abuse/dependence only, 21.1% had a diagnosis of drug abuse/dependence only, and 39.0% had both alcohol and drug abuse/dependence diagnoses. Compared to FY04, the proportion of SUD patients with only a diagnosis of alcohol abuse/dependence increased 3.5%, those with a diagnosis of only drug abuse/dependence decreased 2.1%, and those with both diagnoses decreased 0.4%. Compared to FY02, the proportion of SUD patients with only a diagnosis of alcohol

abuse/dependence increased 5.7%, those with a diagnosis of only drug abuse/dependence decreased 3.3%, and those with both diagnoses decreased 2.3%. In FY05, 60.0% of SUD extended care patients seen in non-specialized care were diagnosed with co-morbid psychiatric disorders, as compared with 59.1% in FY04 and 55.9% in FY02. In addition to the 12,435 extended care patients with an SUD diagnosis, 823 extended care patients with nicotine dependence diagnoses were seen in non-specialized extended care settings.

### **Length of Episodes of Non-Specialized Care**

Overall, SUD patients received 878,506 days of care in non-specialized units. Compared to FY04, the number of days increased 2.0%, and compared to FY02, the number of days increased 0.1%. The average length of SUD patients' index extended care stays in FY05 was 59.8 days. The average length of the index stays for SUD patients treated in non-specialized units increased 1.2% since FY03 and 0.2% since FY02. The average total length of stay (index episode plus any subsequent stays) for SUD extended care patients in non-specialized settings was 65.46 days. The average total length of stay for these SUD patients increased 1.2% since FY04 and 0.2% since FY02 (Figure 10).

### **Continuity of Care**

In FY05, 1436 (11.5%) of the SUD patients seen in non-specialized extended care settings received specialized outpatient care afterwards. The number of patients in non-specialized extended care settings receiving specialized outpatient care afterwards decreased 13.2% from FY04 and increased 3.0% from FY02. Of these 1436 patients, 1426 (99.3%) received four or more visits. About 8220 (66%) SUD extended care patients seen in non-specialized care received one or more psychiatric outpatient visits afterwards. This is an increase of 1.9% since FY04 and 6.9% from FY02. Of the 8220 SUD extended care patients receiving one or more psychiatric outpatient visits afterwards, 5365 (65%) received four or more visits. This is an increase of 1.8% from FY04 and 5.5% from FY02.

## **SUD Inpatients Seen in Specialized Care**

In this section, we focus on the specialized inpatient care provided in FY05 to the 2,425 SUD inpatients.

### **Total Number of SUD Inpatients**

More than 372,649 unique inpatients were discharged in FY05 from the VA nationwide. The number of unique inpatients increased 1.6% since FY04 (from 366,948) and 3.6% since FY02 (from 359,617). Of the 65,019 SUD inpatients in FY05, 2,425 (3.7%) had one or more bedsection episodes of care in a specialized unit.<sup>16</sup> The number of inpatients diagnosed with SUD decreased 0.8% since FY04, and decreased 2.4% since FY02. The number of SUD inpatients seen in specialized care decreased 31.3% since FY04 and 65.4% since FY02 (Figure 11).

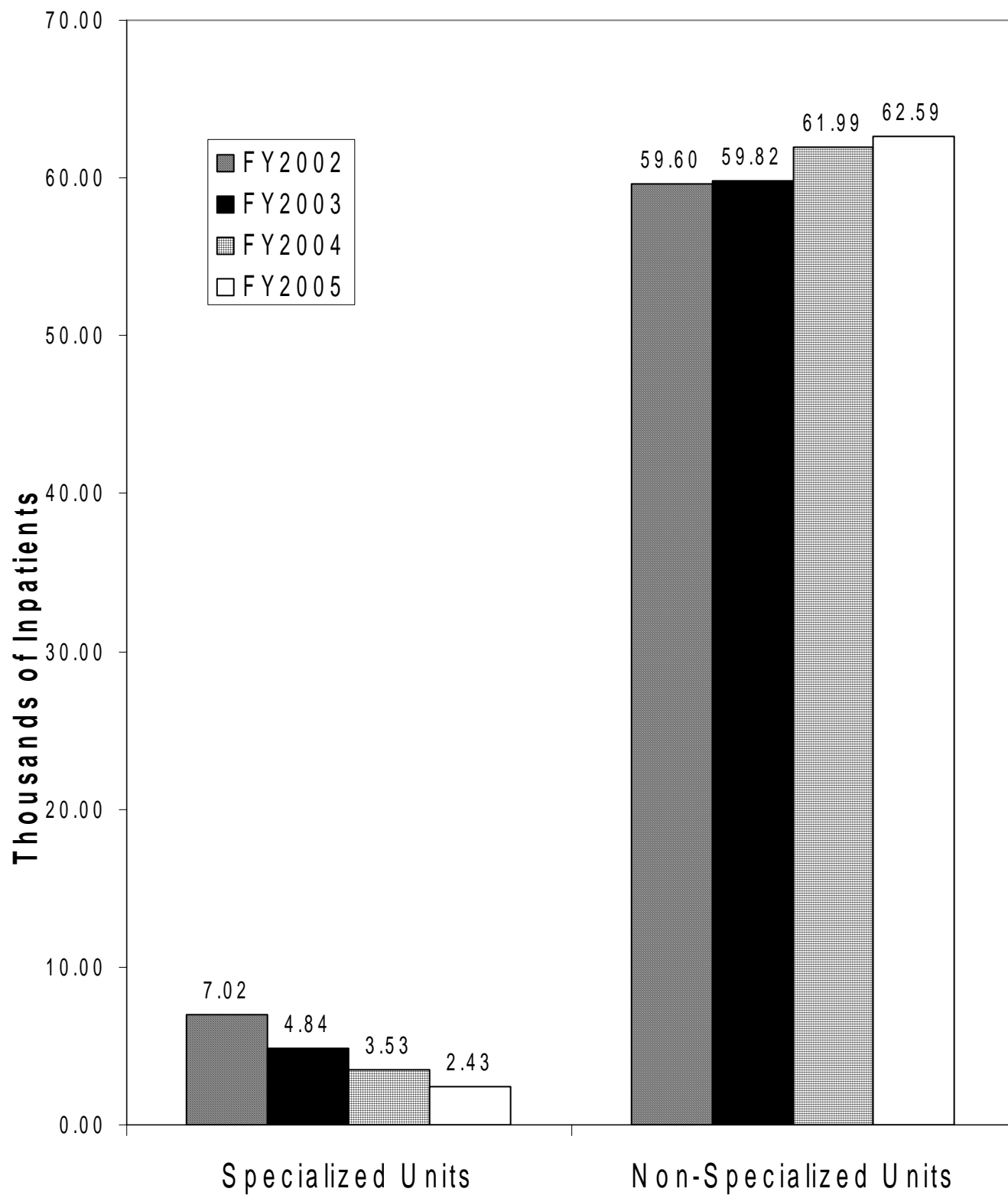
### **Demographic Characteristics**

In FY05, 96.1% of the 2,425 SUD inpatients treated in specialized care were men, with a mean age of 49.7. Of these, 15% were married. A total of 53% served during the Vietnam War era. Over 90.0% were in the VA Means Test Category A; 31.7% had service-connected disabilities. Approximately 4.2% of these patients were over the age of 65.

### **Diagnostic Categories**

In FY05, 33.8% of the SUD inpatients treated in specialized units had a diagnosis of alcohol abuse/dependence only, 15.1% had a diagnosis of drug abuse/dependence only, and 50.6% had diagnoses of both alcohol and drug abuse/dependence. Less than 0.1% had a nicotine dependence as their only recorded SUD diagnosis, and 0.5% had no recorded SUD diagnosis but were treated in a specialized SUD setting. Compared to FY04, the proportion of SUD patients with only a diagnosis of alcohol abuse/dependence increased 4.3%, those with a diagnosis of only drug abuse/dependence decreased 0.1%, and those with both diagnoses decreased 3.8%. Compared to FY02, the proportion of SUD patients with only a diagnosis of alcohol abuse/dependence increased 5.9%, those with a diagnosis of only drug abuse/dependence decreased 0.7%, and those with both diagnoses increased 0.6%. In FY05, 1,361 (56.1%) of SUD inpatients seen in specialized care were diagnosed with co-morbid psychiatric disorders, as compared to 54.3% in FY04 and 49.8% in FY02.

**Figure 11: Number of Inpatients with SUDs in  
FY02, FY03, FY04 and FY05**



### **Length of Episodes of Specialized Care**

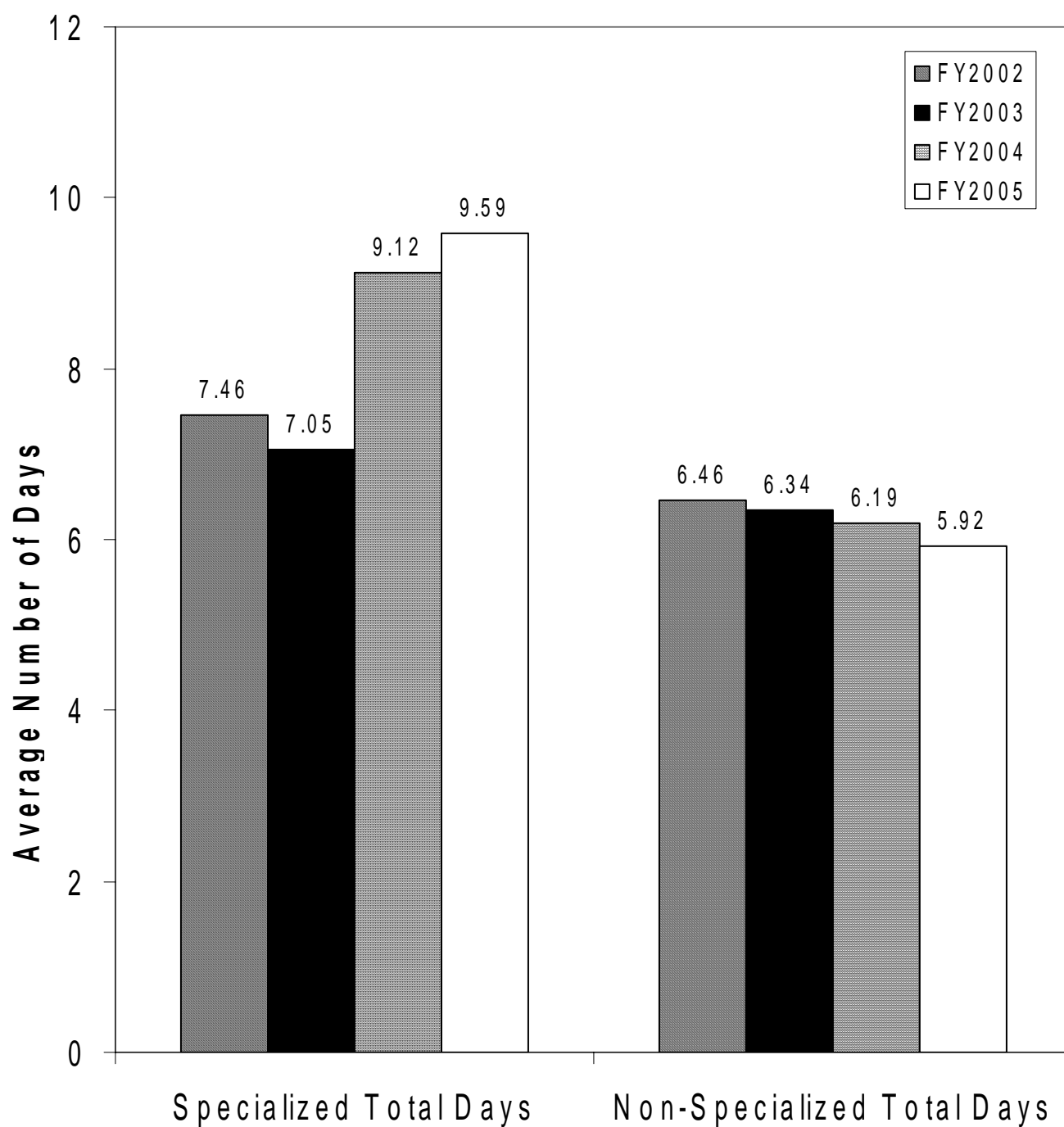
SUD inpatients received 25,843 days of care in specialized units in FY05.<sup>17</sup> Compared to FY05, the number of days decreased 28.6%, and compared to FY02, the number of days decreased 58.7%. The average length of the index episode of care for SUD patients treated in specialized units in FY05 was 9.6 days. The average length of these SUD patients' index episodes increased 5.2% since FY04 and decreased 28.6% since FY02. A total of 15.6% of all SUD inpatients in FY05 had more than one episode of care in a specialized care unit during the fiscal year. When taking these additional episodes of care into account, the average total length of stay in specialized units in FY05 was 10.7 days, 3.8% more days than in FY04 and 19.3% more days than in FY98 (Figure 12).

### **Continuity of Care**

Of the SUD patients seen in specialized inpatient units, 1,415 (58.3%) had one or more specialized outpatient treatment visits. This is a 27.7% decrease compared to FY04 and a 43.1% decrease from FY02. In FY05, 1,108 SUD inpatients (78.3% of those with outpatient care) had four or more visits.

In FY05, 1,436 SUD patients (59.2% of those seen in specialized inpatient units) had one or more psychiatric outpatient visits. This is a 27.1% decrease from FY04 and a 62.0% decrease from FY02. In FY05, 821 (57.1% of those with psychiatric outpatient care) had four or more visits.

**Figure 12: Average Length of Episodes of Care  
for Inpatients with SUDs and FY02, FY03, FY04  
and FY05**



## **SUD Inpatients not Seen in Specialized Care**

In this section, we focus on the inpatient care of the 62,594 SUD inpatients who were not treated in a specialized care unit, but who received one or more episodes of care in a non-specialized unit in FY05.

### **Total Number of SUD Inpatients**

Again, more than 372,649 unique inpatients were discharged in FY05 from the VA nationwide. The number of unique inpatients increased 1.6% since FY04 (from 366,948) and 3.6% since FY02 (from 359,617). Of the 65,019 SUD inpatients in FY05, 62,594 (96.2%) were discharged from non-specialized care units. The number of inpatients diagnosed with SUD decreased 0.8% since FY04 and decreased 2.4% since FY02. The number of SUD inpatients treated in non-specialized care units increased 1.0% since FY04 and increased 5.0% since FY02 (Figure 11).

### **Demographic Characteristics**

In FY05, 96.1% of the 62,594 SUD inpatients seen in non-specialized care settings were men, the mean age was 52.6, and 10.6% were over the age of 65. Approximately 22.5% were married. A total of 53.8% seen in non-specialized care served during the Vietnam War era. Approximately 90.9% were in the VA Means Test Category A; 39.4% had service-connected disabilities.

Of the SUD inpatients seen in non-specialized care 48% were only seen in psychiatric units, 40% were only seen in medical or surgical units, and 12% were seen in both psychiatric and medical or surgical units. The proportion of SUD inpatients in psychiatric units changed less than 0.1% since FY04, and decreased 0.6% since FY02. The proportion of SUD inpatients in medical or nursing home units increased 0.2% since FY04 and 1.2% since FY02. The proportion of non-specialized inpatients seen in both psychiatric and medical or nursing home units decreased 0.2% from FY04 and 0.7% from FY02.

### **Diagnostic Characteristics**

Among SUD inpatients seen in non-specialized care, 46.8% had alcohol abuse/dependence diagnoses only, 23.2% had drug abuse/dependence diagnoses only, and 29.9% had both. In addition to the 62,594 inpatients with an SUD diagnosis, 15,014 inpatients in non-specialized treatment were diagnosed with nicotine dependence. Compared to FY04, the proportion of SUD patients with only a diagnosis of alcohol abuse/dependence increased 0.8%, those with only a diagnosis of drug abuse/dependence decreased 0.8%, and those with both diagnoses remained approximately the same. Compared to FY02, the proportion of SUD patients with only a diagnosis of alcohol abuse/dependence increased 4.8%, those with only a diagnosis of

drug abuse/dependence decreased 2.8%, and those with both diagnoses decreased 1.9%. In FY05, of all SUD inpatients in non-specialized care, 34,380 (54.9%) had co-morbid psychiatric diagnoses. The number of dually diagnosed SUD inpatients remained stable from FY04 and decreased 0.9% since FY98.

### **Length of Episodes of Non-Specialized Care**

Overall, SUD inpatients seen in non-specialized settings received 608,930 days of inpatient care, a decrease of 3.9% since FY04 and a decrease of 8.5% since FY02. SUD inpatients seen in non-specialized care had index episodes of care of 5.9 days, on average. This represents a decrease of 4.4% compared to FY04 and a decrease of 8.4% compared to FY02. In FY04, 36.2% of SUD inpatients had more than one episode of care in a non-specialized unit during the fiscal year. When taking these additional episodes of care into account, SUD inpatients had an average of 12.5 days of non-specialized care during the fiscal year, or 3.6% less than the average for SUD inpatients seen in FY04 and 8.3% less than in FY02 (Figure 12).

### **Continuity of Care**

Of the 62,594 SUD inpatients seen in non-specialized units, 17,920 (28.6%) received specialized outpatient treatment afterwards. This is an increase of 0.9% from FY02 and 10.2% from FY02. Of these patients 17,744 (99.0%) received four or more visits. Of the 62,594 SUD inpatients seen in non-specialized units, 33,075 (53%) received psychiatric outpatient treatment afterwards. This is an increase of 2.4% from FY02 and 5.7% from FY02. Of these patients 20,135 (61%) received four or more visits.



## Commentary

### **Patterns of Care for SUD Patients Between FY02, FY04, and FY05**

The number of SUD patients receiving any type of specialized outpatient care decreased 1.6% from FY04 and decreased 5.1% since FY02. The total number of SUD patients with an opiate dependence diagnosis increased 1.3% since FY04 and 9.5% since FY02, whereas the number of these SUD patients receiving OAT decreased 0.7% since FY04 and 7.6% since FY02.

Compared to FY04 and FY02, the number of SUD outpatients seen in non-specialized care in FY05 increased 9.3% and 41.2%, respectively. A total of 61.8% of these SUD patients were seen in primary care settings, representing an increase of 7.2% since FY04 and 43.2% since FY02.

The number of SUD patients seen in specialized extended care settings decreased 4.1% since FY04 and 4.7% since FY02. Of the SUD patients seen in specialized extended care units, 69.7% received specialized outpatient care afterwards.

The number of SUD extended care patients seen in non-specialized care in FY05 increased 0.3% since FY04 and 0.4% since FY02. The proportion of SUD extended care patients in psychiatric units increased 0.6% from FY04 and decrease 2.7% from FY02. The proportion of SUD extended care patients in medical or nursing home units decreased 0.5% from FY04 and increase 3.2% from FY02. The proportion of patients seen in both medical and psychiatric settings decreased 0.1% from FY04 and 0.5% from FY02. In FY05, 1,436 (11.5%) of the SUD patients seen in non-specialized extended care settings received specialized outpatient care afterwards.

The number of SUD inpatients seen in specialized care decreased 31.3% since FY04 and 65.4% since FY02. Of the SUD patients seen in specialized inpatient units, 58.3% received specialized outpatient care afterwards. This is an increase of 1.1% compared to FY04 and a 5.9% decrease from FY02.

The number of SUD inpatients seen in non-specialized care in FY05 increased 1.0% since FY04 and 5.0% since FY02. Of these SUD patients, 48.5% were seen in psychiatric units, 39.9% were seen in medical or nursing home units and 11.6% were seen in both psychiatric and medical or nursing home units. 17,920 (28.6%) of the SUD patients seen in non-specialized inpatient settings received specialized outpatient care afterwards.

## **Conclusion**

The number of SUD patients within the VA is increasing rapidly, especially within outpatient care. However, the number of SUD patients receiving specialized care is falling. OAT is the only type of specialized care that seems to be expanding at the same rate as the number of SUD patients. This trend is likely the result of targeted efforts made by the Mental Health Strategic Healthcare Group, with input from the SUD Quality Enhancement Research Initiative (QUERI), to increase availability of OAT treatment, and funds directed to OAT from the Veterans Millennium Healthcare Act of 2000.

A high percentage of SUD patients who receive non-specialized care are seen in primary care. Although the large number of patients diagnosed with SUDs in primary care may reflect an improvement in screening for SUDs, it also underscores the need to better link this group of SUD patients to specialized services. Targeting liaison efforts to primary care settings may help link the growing number of SUD patients to specialized care.

Large numbers of SUD patients seen in non-specialized extended care and inpatient settings are not being connected to follow-up specialized outpatient services. In order to increase the number of SUD patients who receive specialized care, efforts need to be increased to link SUD patients discharged from non-specialized extended care or inpatient programs to specialized outpatient care.

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## Footnotes

<sup>1</sup> Substance use disorder patients include the following ICD-9-CM codes: (1) alcohol use disorders (ICD-9-CM codes 291, 303, and 3050); and (2) drug abuse disorders: (a) opioids (304.0, 305.5, 304.7); (b) cocaine (304.2, 305.6); (c) cannabis (304.3, 305.2); (d) amphetamines (304.4, 305.7); (e) barbiturates (304.1, 305.4); (f) nicotine (305.1); (g); multiple drug abuse disorders (304.8, 305.9); (h) miscellaneous / other (any 292, 304, 305 diagnosis not classified in category a-g or in alcohol use disorders). It should be noted that overall patient counts exclude those whose only diagnosis is nicotine dependence and who were **not** seen in a specialized treatment setting. Although nicotine dependence contributes substantially to morbidity and mortality among veterans, alcohol and illegal drugs are the primary clinical focus of SUD treatment programs in the VA.

<sup>2</sup> Sampling for the facility-level data was conceptually consistent with sampling for the national-level data. For example, in the facility-level data shown in Appendix F, none of the SUD inpatients identified because of a bedsection episode of care in a non-specialized unit had any bedsection episodes of care in a specialized unit at the same VAHCS in FY04; that is, within facilities there is no overlap between SUD inpatients in specialized and non-specialized units. However, if an SUD inpatient was hospitalized in FY04 in a specialized unit at one facility and in a non-specialized unit at another facility, that SUD inpatient is counted as both an SUD inpatient in specialized care and an SUD inpatient in non-specialized care at the respective facilities in the facility-level data.

In addition, the Medical SAS Inpatient Datasets count an SUD inpatient who was transferred from one VAHCS to another as a discharge from the first facility. Thus, in the facility-level data, SUD inpatients who were transferred between facilities are counted as unique SUD inpatients in each facility, even when they are placed in the same type of unit (specialized or non-specialized). Individuals seen for outpatient visits and extended care bedsections in two facilities also are counted as unique SUD patients in the facility-level totals.

<sup>3</sup> First, the months in which an SUD outpatient only had OAT visits were excluded. Then the number of months in which an SUD outpatient had specialized care visits other than OAT was added. Finally, the number of months was averaged across all SUD outpatients who had specialized care visits.

<sup>4</sup> VISN 1 includes 8 facilities and has its headquarters in Boston, MA. VISN 2 includes 5 facilities and has its headquarters in Albany, NY. VISN 3 includes 5 facilities and has its headquarters in Bronx, NY. VISN 4 includes 10 facilities and has its headquarters in Pittsburgh, PA. VISN 5 includes 3 facilities and has its headquarters in Baltimore, MD. VISN 6 includes 8 facilities and has its headquarters in Durham, NC. VISN 7 includes 8 facilities and has its headquarters in Atlanta, GA. VISN 8 includes 6 facilities and has its headquarters in Bay Pines, FL. VISN 9 includes 7 facilities and has its headquarters in Nashville, TN. VISN 10 includes 5 facilities and has its headquarters in Cincinnati, OH. VISN 11 includes 7 facilities and has its headquarters in Ann Arbor, MI. VISN 12



includes 7 facilities and has its headquarters in Hines, IL. VISN 15 includes 7 facilities and has its headquarters in Kansas City, MO. VISN 16 includes 10 facilities and has its headquarters in Jackson, MS. VISN 17 includes 3 facilities and has its headquarters in Dallas, TX. VISN 18 includes 7 facilities and has its headquarters in Phoenix, AZ. VISN 19 includes 7 facilities and has its headquarters in Denver, CO. VISN 20 includes 8 facilities and has its headquarters in Portland, OR. VISN 21 includes 7 facilities and has its headquarters in San Francisco, CA. VISN 22 includes 5 facilities and has its headquarters in Long Beach, CA. VISN 23 includes 10 facilities and has its headquarters in Minneapolis, MN (it was created through the combination of the former VISNs 13 and 14).

<sup>5</sup> Psychiatric diagnoses included the following ICD-9-CM codes: (1) schizophrenic disorders (ICD-9-CM code 295); (2) manic or bipolar affective psychoses (296.0, 296.1, 296.4-296.7, 296.80, 296.81, 296.89); (3) posttraumatic stress disorder (309.81); (4) depressive disorders, including atypical depressive disorder, other and unspecified affective psychoses, neurotic depression, and depressive disorders not elsewhere classified (296.2, 296.3, 296.82, 296.9, 300.4, 311); (5) personality disorders, including borderline personality (301.83) and antisocial personality disorders (301.7); and (6) other psychiatric disorders (all other 290-319 codes, excluding substance use disorder codes).

<sup>6</sup> Substance use disorder outpatient clinic visits include the following: substance use disorder individual session (513), substance use disorder home visit (514), substance use disorder/PTSD (519), opioid substitution/methadone visit (523), intensive substance use disorder treatment (547), and substance use disorder group session (560). Psychiatric visits include all visits codes between 499 and 600 that are not considered a substance use disorder visit. Substance use disorder and psychiatric telephone stops were not counted.

<sup>7</sup> Substance use disorder extended care and inpatient units include the following bedsections: substance use disorder residential rehabilitation (27), substance use disorder compensated work therapy treatment (29), alcohol treatment (72), drug treatment (73), high intensity substance use disorder treatment program (74), psychiatric substance use disorder intermediate care (84), substance use disorder domiciliary (86), and substance use disorder sustained treatment and rehabilitation (90).

<sup>8</sup> We included all outpatient visits at all facilities for each identified substance use disorder outpatient in the national totals. We call this the "all-utilization method." We use the term "visit" to designate SE and SG files' clinic "stops." When SE and SG records involved both a "primary clinic stop" and a "credit stop," both were counted.

<sup>9</sup> When considering inpatient utilization, we examined all episodes of care at facilities where a patient obtained a substance use disorder diagnosis. We excluded episodes of care at facilities where the patient did not obtain a substance use disorder diagnosis. For the national utilization totals, we summed information on the episodes of care at the facilities where a patient obtained a substance use disorder diagnosis, because such

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care is representative of treatment provided for identified substance use disorder patients. We call this the “facility-aggregate method.”

<sup>10</sup> Psychiatric extended care and inpatient units include the following bedsections: psychiatric residential rehabilitation treatment (25), PTSD residential rehabilitation (26), HCMC compensated work therapy/treatment (28), acute psychiatric (70), long-term psychiatric (71), halfway house (75), psychiatric medical infirmary (76), psychiatric residential rehabilitation (77), special inpatient PTSD unit (79), PTSD Dom (88), STAR I, II, and III programs (89), evaluation/brief treatment PTSD (91), psychiatric general intermediate (92), high intensive general psychiatric inpatient unit (93), and psychiatric observation (94).

<sup>11</sup> We categorized all units not identified as substance use disorder or psychiatric units as medical/surgical units.

<sup>12</sup> We explored the question of how 8,279 patients could be seen in specialized SUD settings without receiving a SUD diagnosis by talking with some clinicians and treatment facility data recorders. Our efforts resulted in the following working hypothesis to account for many of these cases. Coding of visits is based upon the setting of care (e.g., substance use disorder individual session) and many clinicians are linked to a single setting of care. Clinicians linked to a specialized SUD setting may see a variety of patients, including patients who only have psychiatric diagnoses. Thus, patients without SUD diagnoses who were treated by a clinician linked for coding purposes to a specialized SUD setting had their visits/stays coded as SUD specialized visits/stays.

<sup>13</sup> The 1996 Veterans' Healthcare Eligibility Reform Act provides guidelines for which veterans must be provided VA services free of charge and which additional veterans may access VA care with a co-payment provided that resources are available. VA will provide any needed hospital or outpatient care to the mandatory group. Currently, veterans in the mandatory group include veterans with service connected disabilities of 50% or greater and veterans who have annual incomes and net worth below the means test threshold. The income levels for the means test are currently \$25,842 for a veteran with no dependents and up to \$30,013 for a veteran with one dependent (\$1,734 added for each additional dependent).

<sup>14</sup> This figure and all subsequent figures provide information on the unique number of outpatients, extended care patients, and inpatients seen nationwide. Thus, individuals who were outpatients in two or more VAHCS in FY04 are counted only once in the national totals. In the appendices, however, an individual who was an outpatient in FY04 in two or more VAHCS is counted as a unique patient in each VAHCS. We used the same approach with extended care patients and inpatients.

<sup>15</sup> Due to the unusually large proportion of missing values (76% missing) for the race category in the Medical SAS Inpatient Datasets in FY04, we are not reporting the breakdown. Please see prior reports for an estimate of the general percentages.

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<sup>16</sup> A number of individuals were SUD inpatients in two or more VAHCS in FY04. Of the 3,500 SUD inpatients seen in specialized care, 500 (13%) had one or more episodes of inpatient care in FY04 in a VAHCS other than the one in which they experienced their index bedsection episode of care. This was the case for 5,700 (7%) of the 73,800 SUD inpatients seen in non-specialized care. The 500 SUD inpatients seen in specialized care received 1,000 additional episodes of inpatient care in VA facilities other than the one in which they had their index episode, while the 5,700 SUD inpatients seen in non-specialized care received 11,700 additional episodes.

Some individuals were SUD inpatients in two or more VISNs in FY04. Of the 3,521 SUD inpatients seen in specialized care, 100 (4%) had one or more episodes of inpatient care in FY04 in a VISN other than the one in which they experienced their index bedsection episode of care. This was the case for 1,900 (3%) of the 73,800 SUD inpatients seen in non-specialized care. The 100 SUD inpatients seen in specialized care received 300 additional episodes of inpatient care in a VISN other than the one in which they had their index episode, while the 1,900 SUD inpatients seen in non-specialized care received 3,900 additional episodes.

<sup>17</sup> Some bedsection episodes that ended in a discharge in FY04 began in FY03 or earlier. We counted all inpatient days included in these episodes up to a maximum of 365 days. Accordingly, both FY03 and FY04 days of inpatient care were counted for episodes that began in FY03 and ended in a discharge in FY04. However, days of inpatient care for patients admitted in FY04 but not discharged by September 30, 2004, were not counted. Because the additional inpatient days from FY03 approximately offset the uncounted inpatient days in FY04, the totals estimate the number of days of inpatient care provided in FY04.

## **Appendix A**

**Number of Substance Use Disorder, Psychiatric, Mental Health, and  
Medical Clinic Visits for SUD Outpatients Seen in Specialized Care in Fiscal  
Year 2005 (by VISN and Facility)**

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=1

Treatment Utilization		CT	MA			ME	NH	RI	VT
		WEST HAVEN	BEDFORD	BOSTON	NORTHAMPTON	TOGUS	MANCHESTER	PROVIDENCE	WHITE RIVER
	Unique Patients	53228	11413	47919	11825	32081	20168	29342	19329
	SUD Patients	1666	182	1572	354	218	109	753	73
	SUD Patients with SUD visit	1651	170	1554	353	213	106	748	73
	SUD Patients with Psych visit	1351	132	1404	298	184	98	681	68
	Mean of SUD Visits	30.2	24.7	37.4	18.6	26.2	31.2	22.8	11.4
	Total Number of SUD Visits	49891	4200	58067	6573	5579	3305	17040	831
	Mean of Psych Visits	17.6	15.8	17.5	11.2	10.5	23.2	15.4	18.4
	Total Number of Psych Visits	23785	2084	24561	3331	1933	2269	10518	1254
	Mean of MH Visits	41.8	34.3	46.0	26.9	34.5	49.9	34.1	27.9
	Total Number of MH Visits	69712	6234	72278	9533	7512	5441	25690	2038
	Mean of Other Visits	22.8	5.9	21.2	14.5	9.7	27.8	17.8	8.3
	Total Number of Other Visits	38043	1071	33279	5134	2112	3025	13415	605

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=2

Treatment Utilization	NY
	UPSTATE N.Y.
Unique Patients	126153
SUD Patients	2501
SUD Patients with SUD visit	2438
SUD Patients with Psych visit	1962
Mean of SUD Visits	21.0
Total Number of SUD Visits	51143
Mean of Psych Visits	20.4
Total Number of Psych Visits	40047
Mean of MH Visits	36.0
Total Number of MH Visits	90120
Mean of Other Visits	20.8
Total Number of Other Visits	52116

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=3

Treatment Utilization		NJ	NY			
		EAST ORANGE	BRONX	MONTROSE HUDSON	HARBOR	NORTHPORT
	Unique Patients	51421	17364	19780	62549	34113
	SUD Patients	885	479	369	2254	559
	SUD Patients with SUD visit	879	479	365	1959	553
	SUD Patients with Psych visit	602	161	322	1838	465
	Mean of SUD Visits	39.5	60.7	50.6	52.3	24.7
	Total Number of SUD Visits	34681	29055	18468	102447	13685
	Mean of Psych Visits	28.8	11.9	50.5	29.0	23.0
	Total Number of Psych Visits	17356	1919	16258	53221	10713
	Mean of MH Visits	55.3	64.7	89.1	67.2	42.9
	Total Number of MH Visits	48913	30970	32892	151558	24009
	Mean of Other Visits	16.1	13.6	36.5	24.8	20.8
	Total Number of Other Visits	14220	6514	13459	55829	11652

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=4

Treatment Utilization		DE
		WILMINGTON
	Unique Patients	18791
	SUD Patients	135
	SUD Patients with SUD visit	133
	SUD Patients with Psych visit	40
	Mean of SUD Visits	4.6
	Total Number of SUD Visits	615
	Mean of Psych Visits	4.2
	Total Number of Psych Visits	166
	Mean of MH Visits	5.8
	Total Number of MH Visits	781
	Mean of Other Visits	9.3
	Total Number of Other Visits	1261



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=4

Treatment Utilization		PA							
		JAMES E VAN ZANDT	BUTLER	COATESVILLE	ERIE	LEBANON	PHILADELPHIA	PITTSBURGH	WILKES BARRE
Unique Patients		20858	14423	17195	17042	36100	54932	54040	40599
SUD Patients		50	75	504	195	417	2493	1383	326
SUD Patients with SUD visit		49	75	495	194	411	2454	1373	316
SUD Patients with Psych visit		34	64	421	124	298	1974	1261	289
Mean of SUD Visits		4.6	48.2	12.0	11.0	9.6	41.1	29.5	12.2
Total Number of SUD Visits		224	3612	5922	2125	3936	100795	40463	3846
Mean of Psych Visits		4.2	14.4	15.1	11.5	17.0	12.0	19.3	16.7
Total Number of Psych Visits		142	919	6345	1426	5054	23654	24301	4831
Mean of MH Visits		7.3	60.4	21.2	18.2	21.3	49.0	40.5	26.4
Total Number of MH Visits		366	4529	10705	3549	8862	122267	55944	8620
Mean of Other Visits		5.0	15.0	9.8	10.7	12.5	14.3	20.2	18.5
Total Number of Other Visits		250	1126	4929	2080	5204	35721	27976	6016

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=4

Treatment Utilization		WV
		CLARKSBURG
	Unique Patients	16029
	SUD Patients	130
	SUD Patients with SUD visit	123
	SUD Patients with Psych visit	92
	Mean of SUD Visits	9.5
	Total Number of SUD Visits	1167
	Mean of Psych Visits	8.0
	Total Number of Psych Visits	733
	Mean of MH Visits	14.0
	Total Number of MH Visits	1817
	Mean of Other Visits	10.9
	Total Number of Other Visits	1423

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=5

Treatment Utilization		DC	MD	WV
		WASHINGTON	BALTIMORE	MARTINSBURG
	Unique Patients	47676	45265	28301
	SUD Patients	1858	2232	557
	SUD Patients with SUD visit	1780	2217	555
	SUD Patients with Psych visit	1447	1543	365
	Mean of SUD Visits	60.7	46.7	26.1
	Total Number of SUD Visits	108115	103570	14483
	Mean of Psych Visits	17.9	14.5	15.9
	Total Number of Psych Visits	25867	22375	5804
	Mean of MH Visits	69.7	54.0	35.7
	Total Number of MH Visits	129474	120607	19858
	Mean of Other Visits	34.2	21.7	33.6
	Total Number of Other Visits	63519	48384	18736

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=6

Treatment Utilization		NC				VA			WV
		DURHAM	FAYETTEVILLE	ASHEVILLE-OTTEEN	SALISBURY	HAMPTON	RICHMOND	SALEM	BECKLEY
Unique Patients		32603	35743	26535	55836	23619	37647	30079	10002
SUD Patients		375	303	327	1152	840	905	464	79
SUD Patients with SUD visit		375	301	325	1149	827	895	464	78
SUD Patients with Psych visit		220	224	264	841	655	696	317	49
Mean of SUD Visits		7.9	16.9	12.1	11.4	32.8	28.4	13.2	3.0
Total Number of SUD Visits		2968	5093	3922	13050	27150	25396	6122	236
Mean of Psych Visits		16.4	5.8	9.5	9.0	20.4	15.4	25.3	3.4
Total Number of Psych Visits		3613	1309	2501	7572	13336	10708	8026	167
Mean of MH Visits		17.5	20.5	16.4	17.5	47.4	38.0	30.0	5.1
Total Number of MH Visits		6560	6203	5378	20168	39857	34398	13940	403
Mean of Other Visits		10.1	12.8	17.0	12.2	16.4	23.3	18.3	6.7
Total Number of Other Visits		3784	3882	5560	14017	13809	21080	8482	530

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=7

Treatment Utilization		AL			GA			SC	
		BIRMINGHAM	MONTGOMERY	TUSCALOOSA	ATLANTA	AUGUSTA	DUBLIN	CHARLESTON	COLUMBIA
	Unique Patients	38908	35607	14613	50284	25528	24541	34267	53603
	SUD Patients	432	570	620	1022	400	450	567	631
	SUD Patients with SUD visit	429	570	618	1012	397	444	567	627
	SUD Patients with Psych visit	277	447	578	857	289	331	377	429
	Mean of SUD Visits	19.5	44.5	26.2	21.5	25.6	35.8	19.9	15.1
	Total Number of SUD Visits	8366	25338	16185	21748	10164	15912	11269	9466
	Mean of Psych Visits	7.1	16.5	22.9	14.7	21.4	15.9	8.5	9.2
	Total Number of Psych Visits	1954	7394	13214	12624	6192	5278	3211	3928
	Mean of MH Visits	23.5	57.2	46.8	32.8	40.7	46.9	25.5	21.0
	Total Number of MH Visits	10151	32593	29046	33491	16298	21127	14463	13236
	Mean of Other Visits	19.3	17.7	25.8	21.5	33.6	29.5	15.7	14.4
	Total Number of Other Visits	8355	10080	15966	21939	13439	13285	8879	9085

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=8

Treatment Utilization		FL					PR
		WPALM BEACH	BAY PINES	MIAMI	N FL/S GA	TAMPA	SAN JUAN
	Unique Patients	62828	78298	49165	109611	130254	65024
	SUD Patients	711	781	1047	1470	1814	918
	SUD Patients with SUD visit	697	769	1043	1447	1773	895
	SUD Patients with Psych visit	632	617	646	859	1242	442
	Mean of SUD Visits	16.6	17.4	25.8	25.5	17.6	14.1
	Total Number of SUD Visits	11587	13353	26893	36919	31137	12630
	Mean of Psych Visits	21.5	18.6	11.2	11.4	10.8	4.1
	Total Number of Psych Visits	13602	11493	7234	9750	13475	1814
	Mean of MH Visits	32.2	27.3	32.4	31.5	23.8	15.6
	Total Number of MH Visits	22862	21345	33954	46339	43121	14353
	Mean of Other Visits	17.6	22.8	26.0	18.3	20.7	17.1
	Total Number of Other Visits	12484	17835	27250	26944	37598	15689

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=9

Treatment Utilization		KY		TN			WV
		LEXINGTON-LEESTOWN	LOUISVILLE	MEMPHIS	MOUNTAIN HOME	MID TENN NASH TN	HUNTINGTON
Unique Patients		29122	37635	41260	31515	72965	27407
SUD Patients		376	583	621	565	926	303
SUD Patients with SUD visit		375	575	609	562	920	299
SUD Patients with Psych visit		218	495	436	421	616	231
Mean of SUD Visits		24.8	6.7	30.8	24.3	12.9	16.4
Total Number of SUD Visits		9298	3853	18748	13684	11826	4899
Mean of Psych Visits		11.0	8.2	12.1	10.0	6.2	9.4
Total Number of Psych Visits		2406	4080	5265	4228	3815	2177
Mean of MH Visits		29.9	11.9	38.5	31.5	16.7	23.1
Total Number of MH Visits		11246	6946	23903	17825	15428	7007
Mean of Other Visits		14.5	10.3	26.3	19.1	17.9	15.6
Total Number of Other Visits		5455	5985	16315	10784	16616	4734

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=10

Treatment Utilization		OH				
		CHILLICOTHE	CINCINNATI	CLEVELAND-WADE PARK	DAYTON	COLUMBUS
Unique Patients		13455	26846	80350	29905	25445
SUD Patients		155	1674	3050	719	816
SUD Patients with SUD visit		152	1640	2985	714	804
SUD Patients with Psych visit		141	988	2445	568	632
Mean of SUD Visits		44.3	46.8	36.5	44.3	26.1
Total Number of SUD Visits		6737	76679	108900	31644	20948
Mean of Psych Visits		27.6	25.0	21.8	18.1	20.7
Total Number of Psych Visits		3889	24682	53407	10289	13112
Mean of MH Visits		68.5	56.2	53.2	56.6	40.8
Total Number of MH Visits		10625	94107	162111	40679	33283
Mean of Other Visits		13.1	14.7	19.4	21.9	19.1
Total Number of Other Visits		2032	24586	59062	15739	15573



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=11

Treatment Utilization		IL	IN		MI			
		ILLIANA DANVILLE	INDIANAPOLIS	NORTHERN INDIANA	ANN ARBOR	BATTLE CREEK	DETROIT VAMC	SAGINAW
	Unique Patients	24217	40872	34632	25529	27325	34903	23991
	SUD Patients	253	836	588	386	522	1633	88
	SUD Patients with SUD visit	253	798	579	385	503	1621	81
	SUD Patients with Psych visit	234	480	445	353	433	1207	80
	Mean of SUD Visits	22.3	31.1	28.8	15.1	18.7	40.0	17.7
	Total Number of SUD Visits	5632	24798	16688	5810	9416	64785	1436
	Mean of Psych Visits	27.9	19.7	15.2	27.2	25.0	11.1	14.8
	Total Number of Psych Visits	6532	9469	6756	9609	10806	13387	1183
	Mean of MH Visits	45.8	40.7	35.1	35.7	36.6	46.9	27.7
	Total Number of MH Visits	11597	33998	20668	13779	19094	76535	2436
	Mean of Other Visits	15.4	19.8	12.4	13.7	17.8	17.7	23.8
	Total Number of Other Visits	3897	16536	7283	5295	9306	28863	2090

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=12

Treatment Utilization	IL			MI	WI		
	VA CHICAGO	NORTH CHICAGO	HINES	IRON MOUNTAIN	MADISON	TOMAH	MILWAUKEE
Unique Patients	36628	22117	48724	10220	26537	26427	53581
SUD Patients	1055	499	1139	38	522	425	1570
SUD Patients with SUD visit	1054	496	1099	38	504	413	1552
SUD Patients with Psych visit	567	378	973	22	349	348	1345
Mean of SUD Visits	93.5	17.4	44.1	6.3	17.5	32.7	24.2
Total Number of SUD Visits	98531	8651	48468	241	8831	13524	37520
Mean of Psych Visits	22.2	21.3	37.8	7.0	23.9	30.9	31.2
Total Number of Psych Visits	12581	8051	36826	154	8325	10752	41944
Mean of MH Visits	105	33.3	62.8	10.0	28.8	54.0	43.7
Total Number of MH Visits	111112	16610	71583	380	15016	22961	68684
Mean of Other Visits	24.8	29.6	27.0	5.1	14.1	18.1	34.2
Total Number of Other Visits	26131	14782	30764	194	7359	7699	53731

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=15

Treatment Utilization		MO	
		VAMC HEARTLAND-W KANSAS MO	VA HEARTLAND-E VH MO
	Unique Patients	118839	102484
	SUD Patients	2346	1278
	SUD Patients with SUD visit	2311	1229
	SUD Patients with Psych visit	1928	870
	Mean of SUD Visits	33.4	53.8
	Total Number of SUD Visits	77298	66091
	Mean of Psych Visits	28.9	8.4
	Total Number of Psych Visits	55803	7312
	Mean of MH Visits	49.3	56.8
	Total Number of MH Visits	115576	72547
	Mean of Other Visits	22.7	18.2
	Total Number of Other Visits	53344	23307

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=16

Treatment Utilization		AR		LA		
		FAYETTEVILLE	LITTLE ROCK	ALEXANDRIA	NEW ORLEANS	SHREVEPORT
	Unique Patients	35015	53242	24239	37988	38508
	SUD Patients	275	1295	253	1147	673
	SUD Patients with SUD visit	274	1212	252	1105	657
	SUD Patients with Psych visit	190	1130	183	834	544
	Mean of SUD Visits	12.4	32.0	18.2	34.2	18.1
	Total Number of SUD Visits	3399	38737	4586	37833	11880
	Mean of Psych Visits	4.4	37.1	11.5	15.3	25.1
	Total Number of Psych Visits	838	41933	2107	12719	13664
	Mean of MH Visits	15.4	62.2	25.7	44.0	37.8
	Total Number of MH Visits	4229	80511	6506	50493	25435
	Mean of Other Visits	12.9	20.9	10.8	22.2	15.8
	Total Number of Other Visits	3547	27119	2734	25417	10655

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=16

Treatment Utilization		MS		OK		TX
		GULF COAST	JACKSON	MUSKOGEE	OKLAHOMA CITY	HOUSTON
	Unique Patients	45512	44218	26702	46123	72861
	SUD Patients	880	919	570	1196	1695
	SUD Patients with SUD visit	876	913	567	1189	1673
	SUD Patients with Psych visit	604	578	402	1048	1135
	Mean of SUD Visits	12.2	10.2	8.4	33.2	28.0
	Total Number of SUD Visits	10681	9330	4779	39487	46883
	Mean of Psych Visits	10.9	9.7	6.0	28.7	24.7
	Total Number of Psych Visits	6608	5579	2419	30028	27982
	Mean of MH Visits	19.3	16.2	12.6	41.1	44.1
	Total Number of MH Visits	17005	14881	7193	49107	74763
	Mean of Other Visits	11.8	18.1	10.1	23.6	17.4
	Total Number of Other Visits	10380	16646	5750	28276	29474

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=17

Treatment Utilization		TX		
		DALLAS	SAN ANTONIO	VA CENTRAL TEXAS
	Unique Patients	92522	73862	66794
	SUD Patients	2107	905	1530
	SUD Patients with SUD visit	2075	883	1514
	SUD Patients with Psych visit	1399	662	1250
	Mean of SUD Visits	30.3	10.8	20.2
	Total Number of SUD Visits	62881	9509	30634
	Mean of Psych Visits	19.3	8.8	13.3
	Total Number of Psych Visits	27053	5855	16675
	Mean of MH Visits	42.4	16.7	30.6
	Total Number of MH Visits	89429	15147	46765
	Mean of Other Visits	30.6	14.1	32.7
	Total Number of Other Visits	64380	12762	50022

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=18

Treatment Utilization		AZ			NM	TX		
		PHOENIX	NORTHERN ARIZONA	SOUTHERN ARIZONA	NEW MEXICO	AMARILLO	WEST TEXAS	EL PASO
	Unique Patients	54544	20521	44095	51682	23358	15144	23145
	SUD Patients	920	592	855	739	200	175	524
	SUD Patients with SUD visit	903	586	848	728	200	175	519
	SUD Patients with Psych visit	767	580	602	520	110	139	363
	Mean of SUD Visits	15.2	20.4	13.5	10.0	19.4	42.3	13.6
	Total Number of SUD Visits	13730	11957	11456	7254	3882	7395	7039
	Mean of Psych Visits	9.3	29.9	13.4	18.2	3.7	9.4	8.3
	Total Number of Psych Visits	7099	17316	8056	9486	408	1312	3006
	Mean of MH Visits	21.8	33.3	20.9	21.3	21.4	49.5	18.2
	Total Number of MH Visits	20035	19706	17904	15755	4289	8662	9525
	Mean of Other Visits	13.2	29.5	18.5	14.4	11.9	40.8	12.7
	Total Number of Other Visits	12115	17468	15787	10615	2388	7132	6668

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=19

Treatment Utilization		CO		MT	UT	WY	
		DENVER	GRAND JUNCTION	FORT HARRISON	SALT LAKE	CHEYENNE	SHERIDAN
	Unique Patients	47168	9466	25014	36198	10320	9868
	SUD Patients	1193	192	299	633	96	435
	SUD Patients with SUD visit	1159	188	296	621	95	430
	SUD Patients with Psych visit	817	152	127	486	59	341
	Mean of SUD Visits	24.0	18.0	5.9	10.9	14.8	16.4
	Total Number of SUD Visits	27848	3382	1737	6780	1403	7050
	Mean of Psych Visits	11.8	15.1	3.1	12.5	10.9	16.8
	Total Number of Psych Visits	9635	2296	394	6090	645	5743
	Mean of MH Visits	30.7	29.5	7.1	20.1	21.3	28.9
	Total Number of MH Visits	36623	5663	2131	12753	2048	12550
	Mean of Other Visits	16.9	12.0	8.8	13.9	11.0	19.9
	Total Number of Other Visits	20216	2302	2644	8785	1055	8672



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=20

Treatment Utilization		AK	ID	OR			WA		
		ALASKA & RO	BOISE	PORTLAND	VA ROSEBURG	WHITE CITY	PUGET SOUND	SPOKANE	WALLA WALLA
	Unique Patients	11061	17519	47550	20589	12585	61299	20830	13871
	SUD Patients	127	481	1102	277	1071	2725	605	436
	SUD Patients with SUD visit	122	473	1063	270	1064	2696	599	436
	SUD Patients with Psych visit	64	322	742	221	900	1800	298	262
	Mean of SUD Visits	10.4	13.6	20.0	12.6	24.6	25.0	23.0	12.5
	Total Number of SUD Visits	1269	6455	21225	3412	26215	67513	13765	5464
	Mean of Psych Visits	5.3	7.3	9.1	14.2	22.3	9.2	9.9	9.4
	Total Number of Psych Visits	339	2345	6741	3148	20111	16542	2945	2465
	Mean of MH Visits	12.7	18.3	25.3	21.3	40.6	30.4	27.5	18.1
	Total Number of MH Visits	1608	8800	27866	5896	43510	82784	16653	7872
	Mean of Other Visits	6.8	9.3	13.3	12.0	21.5	17.9	13.9	8.5
	Total Number of Other Visits	863	4495	14637	3312	22986	48873	8439	3727

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=21

Treatment Utilization		CA				HI	NV	PH
		CENTRAL CALIFORNIA	MARTINEZ	PALO ALTO	SAN FRANCISCO	HONOLULU	SIERRA NEVADA	MANILA
Unique Patients		20474	58544	49206	41816	18146	22461	3300
SUD Patients		341	638	1398	1109	289	510	0
SUD Patients with SUD visit		341	626	1386	1097	282	503	0
SUD Patients with Psych visit		236	419	1224	958	233	367	0
Mean of SUD Visits		29.5	27.8	14.5	52.4	15.1	9.0	.
Total Number of SUD Visits		10049	17434	20071	57444	4245	4551	.
Mean of Psych Visits		6.4	10.0	17.4	22.0	18.2	11.4	.
Total Number of Psych Visits		1512	4188	21348	21029	4244	4199	.
Mean of MH Visits		33.9	33.6	23.0	62.2	28.9	15.3	.
Total Number of MH Visits		11560	21461	32087	68960	8360	7798	.
Mean of Other Visits		23.6	14.0	13.3	25.6	9.8	10.4	.
Total Number of Other Visits		8056	8912	18582	28412	2823	5310	.

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=22

Treatment Utilization		NV	CA			
		SOUTHERN NEVADA	LONG BEACH	LOMA LINDA	SAN DIEGO	GREATER LA
	Unique Patients	33364	35488	51409	52189	77020
	SUD Patients	485	650	1017	1211	2536
	SUD Patients with SUD visit	466	647	968	1173	2509
	SUD Patients with Psych visit	390	500	786	895	2100
	Mean of SUD Visits	16.6	23.1	31.2	15.4	43.4
	Total Number of SUD Visits	7747	14967	30216	18104	108878
	Mean of Psych Visits	12.4	14.1	18.1	11.0	22.2
	Total Number of Psych Visits	4852	7066	14243	9864	46719
	Mean of MH Visits	25.1	30.4	43.6	20.9	59.8
	Total Number of MH Visits	12192	19739	44303	25334	151727
	Mean of Other Visits	12.0	29.7	12.2	13.5	18.7
	Total Number of Other Visits	5815	19301	12410	16403	47455

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=23

Treatment Utilization		MN		ND	NE	SD	
		MINNEAPOLIS	ST CLOUD	FARGO	NEB-WESTERN IA	SIOUX FALLS	FORT MEADE
	Unique Patients	58686	27587	22136	108542	22397	18651
	SUD Patients	1319	1087	221	2124	156	657
	SUD Patients with SUD visit	1310	1080	221	2109	156	648
	SUD Patients with Psych visit	761	1019	203	1635	103	549
	Mean of SUD Visits	22.3	29.0	15.9	26.7	14.9	35.6
	Total Number of SUD Visits	29243	31327	3514	56321	2327	23051
	Mean of Psych Visits	13.6	33.1	16.7	17.5	6.4	42.1
	Total Number of Psych Visits	10331	33748	3384	28587	657	23139
	Mean of MH Visits	29.8	59.5	27.5	39.2	19.1	70.3
	Total Number of MH Visits	39343	64684	6078	83270	2977	46166
	Mean of Other Visits	18.7	16.7	15.4	24.0	16.4	14.3
	Total Number of Other Visits	24695	18187	3411	51022	2562	9405

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

Treatment Utilization		VETS INTEGRATED SERVICE NETWORK											
		1	2	3	4	5	6	7	8	9	10	11	12
Unique Patients		225305	126153	185227	290009	121242	252064	277351	495180	239904	176001	211469	224234
SUD Patients		4927	2501	4546	5708	4647	4445	4692	6741	3374	6414	4306	5248
SUD Patients with SUD visit		4868	2438	4235	5623	4552	4414	4664	6624	3340	6295	4220	5156
SUD Patients with Psych visit		4216	1962	3388	4597	3355	3266	3585	4438	2417	4774	3232	3982
Mean of SUD Visits		29.9	21.0	46.8	28.9	49.7	19.0	25.4	20.0	18.7	38.9	30.5	41.8
Total Number of SUD Visits		145486	51143	198336	162705	226168	83937	118448	132519	62308	244908	128565	215766
Mean of Psych Visits		16.5	20.4	29.4	14.7	16.1	14.5	15.0	12.9	9.1	22.1	17.9	29.8
Total Number of Psych Visits		69735	40047	99467	67571	54046	47232	53795	57368	21971	105379	57742	118633
Mean of MH Visits		40.3	36.0	63.4	38.1	58.1	28.6	36.3	27.0	24.4	53.1	41.4	58.4
Total Number of MH Visits		198438	90120	288342	217440	269939	126907	170405	181974	82355	340805	178107	306346
Mean of Other Visits		19.6	20.8	22.4	15.1	28.1	16.0	21.5	20.4	17.8	18.2	17.0	26.8
Total Number of Other Visits		96684	52116	101674	85986	130639	71144	101028	137800	59889	116992	73270	140660

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Seen in Specialized Care in Fiscal Year 2005

Treatment Utilization	VETS INTEGRATED SERVICE NETWORK								
	15	16	17	18	19	20	21	22	23
Unique Patients	221323	424408	233178	232489	138034	205304	213947	249470	257999
SUD Patients	3624	8903	4542	4005	2848	6824	4285	5899	5564
SUD Patients with SUD visit	3540	8718	4472	3959	2789	6723	4235	5763	5524
SUD Patients with Psych visit	2798	6648	3311	3081	1982	4609	3437	4671	4270
Mean of SUD Visits	40.5	23.8	23.0	15.8	17.3	21.6	26.9	31.2	26.4
Total Number of SUD Visits	143389	207595	103024	62713	48200	145318	113794	179912	145783
Mean of Psych Visits	22.6	21.6	15.0	15.2	12.5	11.9	16.4	17.7	23.4
Total Number of Psych Visits	63115	143877	49583	46683	24803	54636	56520	82744	99846
Mean of MH Visits	51.9	37.1	33.3	23.9	25.2	28.6	35.1	42.9	43.6
Total Number of MH Visits	188123	330123	151341	95876	71768	194989	150226	253295	242518
Mean of Other Visits	21.2	18.0	28.0	18.0	15.3	15.7	16.8	17.2	19.6
Total Number of Other Visits	76651	159998	127164	72173	43674	107332	72095	101384	109282

## **Appendix B**

**Number of Substance Use Disorder, Psychiatric, Mental Health, and  
Medical Clinic Visits for SUD Outpatients Not Seen in Specialized Care in  
Fiscal Year 2005 (by VISN and Facility)**

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=1

Treatment Utilization		CT	MA			ME	NH	RI	VT
		WEST HAVEN	BEDFORD	BOSTON	NORTHAMPTON	TOGUS	MANCHESTER	PROVIDENCE	WHITE RIVER
	Unique Patients	51232	11208	46198	11466	31845	20053	28458	19252
	SUD Patients	1920	431	2569	533	1394	977	1490	899
	SUD Patients with Psych visit	1034	285	1606	349	657	447	809	359
	Mean of Psych Visits	11.1	20.0	10.7	7.7	6.1	8.2	8.3	7.9
	Total Number of Psych Visits	11432	5709	17201	2696	4014	3671	6719	2830
	Mean of Other Visits	12.3	6.5	14.2	10.2	9.8	12.6	12.1	9.5
	Total Number of Other Visits	21864	2282	32632	4966	12675	12024	17178	8232



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=2

Treatment Utilization		NY
		UPSTATE
	Unique Patients	123493
	SUD Patients	5722
	SUD Patients with Psych visit	3027
	Mean of Psych Visits	11.4
	Total Number of Psych Visits	34590
	Mean of Other Visits	12.0
	Total Number of Other Visits	65269

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=3

Treatment Utilization		NJ	NY			
		EAST ORANGE	BRONX	MONTROSE HUDSON	HARBOR	NORTHPORT
	Unique Patients	50470	16869	19370	59808	33529
	SUD Patients	1526	810	472	2723	688
	SUD Patients with Psych visit	676	277	338	1619	461
	Mean of Psych Visits	14.0	9.0	13.1	6.6	21.6
	Total Number of Psych Visits	9493	2492	4436	10759	9957
	Mean of Other Visits	10.4	12.0	14.2	14.5	14.8
	Total Number of Other Visits	15143	9397	5922	36967	9290

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=4

Treatment Utilization	DE
	WILMINGTON
Unique Patients	18638
SUD Patients	264
SUD Patients with Psych visit	74
Mean of Psych Visits	2.7
Total Number of Psych Visits	203
Mean of Other Visits	8.6
Total Number of Other Visits	2148

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=4

Treatment Utilization		PA							
		JAMES E VAN ZANDT	BUTLER	COATESVILLE	ERIE	LEBANON	PHILADELPHIA	PITTSBURGH	WILKES BARRE
Unique Patients		20795	14345	16651	16837	35618	52232	52567	40243
SUD Patients		576	377	609	492	906	2878	2532	1636
SUD Patients with Psych visit		139	156	380	189	494	1797	1523	992
Mean of Psych Visits		5.8	5.1	10.0	6.5	7.6	7.2	7.0	5.4
Total Number of Psych Visits		808	788	3805	1222	3731	12892	10648	5329
Mean of Other Visits		7.2	5.8	8.0	9.7	9.1	11.6	13.6	11.0
Total Number of Other Visits		4065	2015	3848	4549	7601	30245	32326	16894

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=4

Treatment Utilization		WV
		CLARKSBURG
	Unique Patients	15766
	SUD Patients	609
	SUD Patients with Psych visit	356
	Mean of Psych Visits	4.2
	Total Number of Psych Visits	1480
	Mean of Other Visits	10.3
	Total Number of Other Visits	5980

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=5

Treatment Utilization		DC	MD	WV
		WASHINGTON	BALTIMORE	MARTINSBURG
	Unique Patients	45659	42892	27719
	SUD Patients	2398	2068	994
	SUD Patients with Psych visit	1454	961	431
	Mean of Psych Visits	9.3	11.1	7.3
	Total Number of Psych Visits	13497	10671	3161
	Mean of Other Visits	16.2	12.5	15.1
	Total Number of Other Visits	36516	24431	14827

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=6

Treatment Utilization		NC				VA			WV
		DURHAM	FAYETTEVILLE	ASHEVILLE-OTTEEN	SALISBURY	HAMPTON	RICHMOND	SALEM	BECKLEY
Unique Patients		32219	35366	26194	54645	22737	36656	29599	9911
SUD Patients		1424	1553	871	1972	1579	2046	1286	327
SUD Patients with Psych visit		808	913	378	1151	1098	764	621	156
Mean of Psych Visits		4.2	4.2	4.8	5.1	7.0	6.8	6.6	3.9
Total Number of Psych Visits		3382	3847	1804	5886	7721	5221	4110	605
Mean of Other Visits		8.6	9.9	12.2	11.3	10.2	14.1	12.6	9.9
Total Number of Other Visits		11196	14740	10224	20547	14390	28630	15482	3144

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=7

Treatment Utilization		AL			GA			SC	
		BIRMINGHAM	MONTGOMERY	TUSCALOOSA	ATLANTA	AUGUSTA	DUBLIN	CHARLESTON	COLUMBIA
	Unique Patients	38462	35014	13907	49220	25084	24063	33667	52925
	SUD Patients	2354	1246	847	2310	830	1145	1390	2317
	SUD Patients with Psych visit	1353	724	645	1206	424	627	641	1277
	Mean of Psych Visits	5.6	6.0	11.2	9.1	11.7	6.7	7.3	7.6
	Total Number of Psych Visits	7595	4344	7194	11005	4954	4187	4680	9712
	Mean of Other Visits	10.4	11.8	13.3	11.8	13.7	10.5	10.8	11.0
	Total Number of Other Visits	23250	14017	10231	25549	10918	11336	14428	24518



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=8

Treatment Utilization		FL					PR
		PALM BEACH	BAY PINES	MIAMI	N FL/S GA	TAMPA	SAN JUAN
	Unique Patients	62035	77415	48088	107682	128015	63766
	SUD Patients	1996	3409	2053	3432	4751	2115
	SUD Patients with Psych visit	969	1546	1154	1517	2608	998
	Mean of Psych Visits	5.0	6.2	5.1	4.1	5.5	4.0
	Total Number of Psych Visits	4855	9622	5890	6203	14326	4021
	Mean of Other Visits	12.4	11.8	13.4	11.8	14.9	11.0
	Total Number of Other Visits	23778	38595	25246	38905	67699	22449

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=9

Treatment Utilization		KY		TN			WV
		LEXINGTON-LEESTOWN	LOUISVILLE	MEMPHIS	MOUNTAIN HOME	MID TENN	HUNTINGTON
	Unique Patients	28734	36897	40599	30939	71985	27047
	SUD Patients	1179	1402	2305	1154	2889	836
	SUD Patients with Psych visit	464	723	1077	627	1635	438
	Mean of Psych Visits	4.0	4.5	7.0	5.7	4.3	4.8
	Total Number of Psych Visits	1867	3270	7568	3553	6965	2116
	Mean of Other Visits	12.3	10.2	14.4	14.6	10.5	12.0
	Total Number of Other Visits	14109	13040	31990	16335	28488	9703

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=10

Treatment Utilization		OH				
		CHILLICOTHE	CINCINNATI	CLEVELAND-WADE PARK	DAYTON	COLUMBUS
	Unique Patients	13246	24713	76475	29131	24293
	SUD Patients	655	1071	3407	1319	1135
	SUD Patients with Psych visit	372	579	1608	596	655
	Mean of Psych Visits	11.0	10.7	7.7	7.5	7.4
	Total Number of Psych Visits	4103	6202	12419	4451	4830
	Mean of Other Visits	9.1	11.6	10.7	13.4	11.9
	Total Number of Other Visits	5741	11542	34001	17150	12876

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=11

Treatment Utilization		IL	IN		MI			
		ILLIANA DANVILLE	INDIANAPOLIS	NORTHERN INDIANA	ANN ARBOR	BATTLE CREEK	DETROIT VAMC	SAGINAW
	Unique Patients	23960	39956	33933	25066	26708	33181	23888
	SUD Patients	864	1870	983	1329	1347	1966	959
	SUD Patients with Psych visit	458	828	514	806	839	1008	545
	Mean of Psych Visits	6.2	10.4	6.8	5.6	7.5	6.3	6.0
	Total Number of Psych Visits	2837	8599	3496	4500	6331	6392	3283
	Mean of Other Visits	8.5	14.0	9.0	10.1	10.5	11.8	10.7
	Total Number of Other Visits	7032	25019	8249	11380	13364	22077	9894

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=12

Treatment Utilization	IL			MI	WI		
	VA CHICAGO	NORTH CHICAGO	HINES	IRON MOUNTAIN	MADISON	TOMAH	MILWAUKEE
Unique Patients	35475	21605	47522	10180	25697	25971	51921
SUD Patients	2003	865	1733	359	962	941	3210
SUD Patients with Psych visit	1052	570	971	124	320	594	1628
Mean of Psych Visits	14.3	25.7	11.3	3.9	13.6	19.0	13.4
Total Number of Psych Visits	15083	14641	11005	489	4344	11257	21749
Mean of Other Visits	11.1	19.9	17.3	5.1	11.4	9.9	15.5
Total Number of Other Visits	20557	16373	27617	1688	10705	8560	47995

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=15

Treatment Utilization		MO	
		HEARTLAND-W KANSAS MO	HEARTLAND-E VH MO
	Unique Patients	116287	100992
	SUD Patients	4186	4067
	SUD Patients with Psych visit	2230	2049
	Mean of Psych Visits	9.4	4.5
	Total Number of Psych Visits	20991	9288
	Mean of Other Visits	13.8	11.5
	Total Number of Other Visits	54912	44927

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=16

Treatment Utilization		AR		LA		
		FAYETTEVILLE AR	LITTLE ROCK	ALEXANDRIA	NEW ORLEANS	SHREVEPORT
	Unique Patients	34681	51748	23980	36793	37763
	SUD Patients	1222	1820	767	1758	1739
	SUD Patients with Psych visit	527	1114	404	976	903
	Mean of Psych Visits	4.3	6.0	5.2	5.9	4.9
	Total Number of Psych Visits	2243	6701	2117	5751	4426
	Mean of Other Visits	10.6	13.7	8.5	11.0	11.3
	Total Number of Other Visits	12520	23526	6229	18119	18818

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=16

Treatment Utilization		MS		OK		TX
		GULF COAST	JACKSON	MUSKOGEE	OKLAHOMA CITY	HOUSTON
	Unique Patients	44567	43268	26096	44811	71006
	SUD Patients	1341	1093	847	1423	3513
	SUD Patients with Psych visit	628	570	428	534	1586
	Mean of Psych Visits	4.9	4.7	5.5	4.6	5.8
	Total Number of Psych Visits	3053	2697	2337	2438	9223
	Mean of Other Visits	8.6	11.9	9.7	11.8	10.0
	Total Number of Other Visits	10899	12052	7766	16310	33117



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=17

Treatment Utilization		TX		
		DALLAS	SAN ANTONIO	CENTRAL TEXAS
	Unique Patients	90244	72911	65180
	SUD Patients	3249	4186	2392
	SUD Patients with Psych visit	1611	2299	1324
	Mean of Psych Visits	12.0	4.3	6.0
	Total Number of Psych Visits	19385	9819	7883
	Mean of Other Visits	14.1	12.3	14.4
	Total Number of Other Visits	43256	49009	32732

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=18

Treatment Utilization		AZ			NM	TX		
		PHOENIX	NORTHERN ARIZONA	SOUTHERN ARIZONA	NEW MEXICO	AMARILLO	WEST TEXAS	EL PASO
	Unique Patients	53371	19861	43185	50772	23109	14954	22586
	SUD Patients	2108	1130	2291	1918	655	465	980
	SUD Patients with Psych visit	1296	455	1231	711	237	171	632
	Mean of Psych Visits	5.9	4.8	8.8	9.9	3.1	3.3	6.6
	Total Number of Psych Visits	7639	2198	10872	7036	729	562	4202
	Mean of Other Visits	11.1	10.0	14.7	11.7	9.7	9.9	11.6
	Total Number of Other Visits	21235	11016	32378	21876	6126	4506	10288

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=19

Treatment Utilization		CO		MT	UT	WY	
		DENVER	GRAND JUNCTION	FORT HARRISON	SALT LAKE CITY	CHEYENNE	SHERIDAN
	Unique Patients	45724	9242	24678	35375	10187	9383
	SUD Patients	2245	613	809	1282	347	393
	SUD Patients with Psych visit	1160	391	158	676	190	226
	Mean of Psych Visits	7.8	7.0	2.8	8.0	5.4	8.3
	Total Number of Psych Visits	9025	2727	446	5441	1023	1873
	Mean of Other Visits	11.8	9.3	8.9	12.3	10.8	12.8
	Total Number of Other Visits	24630	5349	6995	14999	3423	4889

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=20

Treatment Utilization		AK	ID	OR			WA		
		ALASKA & RO	BOISE	PORTLAND	ROSEBURG	WHITE CITY	PUGET SOUND	SPOKANE	WALLA WALLA
	Unique Patients	10917	16932	46074	20235	11459	58408	20166	13419
	SUD Patients	695	780	2613	1199	784	2224	1083	492
	SUD Patients with Psych visit	333	298	1376	593	410	1229	426	197
	Mean of Psych Visits	5.1	5.5	8.2	4.4	6.9	8.0	6.5	5.4
	Total Number of Psych Visits	1699	1650	11298	2634	2840	9856	2775	1073
	Mean of Other Visits	9.2	9.4	11.9	9.7	11.1	11.5	12.4	9.7
	Total Number of Other Visits	6153	6978	29786	10991	8537	23677	12942	4519

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=21

Treatment Utilization		CA				HI	NV	PH
		CENTRAL CALIFORNIA	NCHC MARTINEZ	PALO ALTO	SAN FRANCISCO	HONOLULU	SIERRA NEVADA	MANILA
	Unique Patients	20127	57683	47739	40501	17804	21900	3300
	SUD Patients	1352	2366	2467	2208	1047	1543	17
	SUD Patients with Psych visit	509	951	1469	1237	786	756	9
	Mean of Psych Visits	4.4	5.5	8.1	7.4	6.1	5.8	1.3
	Total Number of Psych Visits	2221	5215	11855	9132	4822	4421	12
	Mean of Other Visits	10.2	10.2	12.4	14.4	7.5	9.4	11.8
	Total Number of Other Visits	13411	22901	28038	30180	7004	13738	189

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=22

Treatment Utilization		NV	CA			
		SOUTHERN NEVADA	LONG BEACH	LOMA LINDA	SAN DIEGO	GREATER LA
	Unique Patients	32394	34759	50192	50747	74331
	SUD Patients	1399	1367	2293	1973	4989
	SUD Patients with Psych visit	512	598	870	984	3338
	Mean of Psych Visits	6.5	5.3	5.7	5.7	8.7
	Total Number of Psych Visits	3351	3153	5000	5655	28939
	Mean of Other Visits	9.5	12.0	10.2	12.7	11.9
	Total Number of Other Visits	12596	15901	22451	23639	50430

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

VETS INTEGRATED SERVICE NETWORK=23

Treatment Utilization		MN		ND	NE	SD	
		MINNEAPOLIS	ST CLOUD	FARGO	VA NEB- WESTERN IA	SIOUX FALLS	FORT MEADE
	Unique Patients	57237	26457	21895	106158	22239	17651
	SUD Patients	2102	1620	505	3231	613	655
	SUD Patients with Psych visit	1324	1242	252	1833	238	364
	Mean of Psych Visits	11.6	13.6	4.9	12.1	4.6	12.9
	Total Number of Psych Visits	15341	16846	1228	22122	1094	4697
	Mean of Other Visits	13.0	10.8	9.8	13.9	10.4	11.2
	Total Number of Other Visits	24447	14800	4118	42514	6072	6826

Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

Treatment Utilization		VETS INTEGRATED SERVICE NETWORK											
		1	2	3	4	5	6	7	8	9	10	11	12
	Unique Patients	219712	123493	180046	283692	116270	247327	272342	487001	236201	167858	206692	218371
	SUD Patients	10213	5722	6219	10879	5460	11058	12439	17756	9765	7587	9318	10073
	SUD Patients with Psych visit	5546	3027	3371	6100	2846	5889	6897	8792	4964	3810	4998	5259
	Mean of Psych Visits	9.8	11.4	11.0	6.7	9.6	5.5	7.8	5.1	5.1	8.4	7.1	14.9
	Total Number of Psych Visits	54272	34590	37137	40906	27329	32576	53671	44917	25339	32005	35438	78568
	Mean of Other Visits	11.8	12.0	13.2	10.9	14.6	11.3	11.4	12.8	12.2	11.4	11.1	14.0
	Total Number of Other Visits	111853	65269	76719	109671	75774	118353	134247	216672	113665	81310	97015	133495



Number of Substance Use Disorder, Psychiatric, Mental Health, and Medical Clinic Visits for SUD  
Outpatients Not Seen in Specialized Care in Fiscal Year 2005

Treatment Utilization	VETS INTEGRATED SERVICE NETWORK								
	15	16	17	18	19	20	21	22	23
Unique Patients	217279	414713	228335	227838	134589	197610	209054	242423	251637
SUD Patients	8253	15523	9827	9547	5689	9870	11000	12021	8726
SUD Patients with Psych visit	4279	7670	5234	4733	2801	4862	5717	6302	5253
Mean of Psych Visits	7.1	5.3	7.1	7.0	7.3	7.0	6.6	7.3	11.7
Total Number of Psych Visits	30279	40986	37087	33238	20535	33825	37678	46098	61328
Mean of Other Visits	12.7	10.8	13.4	11.9	11.2	11.0	11.2	11.4	12.5
Total Number of Other Visits	99839	159356	124997	107425	60285	103583	115461	125017	98777

## **Appendix C**

**Diagnostic Characteristics and Episodes of Care for SUD Extended Care  
Discharged from Specialized Units in 2005 (by VISN and Facility)**

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=1

Treatment Utilization		MA			RI
		BEDFORD	BOSTON	NORTHAMPTON	PROVIDENCE
	Unique Patients	21	278	27	1
	Alcohol Only	14%	20%	11%	0%
	Drug Only	0%	10%	15%	0%
	Drug and Alcohol	86%	70%	74%	100%
	Stays with a Psych Dx	62%	51%	56%	100%
	Patients with 1 SUD stay	86%	90%	96%	100%
	Patients with 2 or more SUD stays	14%	10%	4%	0%
	Mean LOS for SUD stays	55	60	171	29
	Patients with 1 or more Non-SUD stays	100%	30%	7%	100%
	Mean index length	48	52	170	19

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=2

Treatment Utilization	NY
	UPSTATE N.Y. HCS
Unique Patients	356
Alcohol Only	18%
Drug Only	8%
Drug and Alcohol	73%
Stays with a Psych Dx	45%
Patients with 1 SUD stay	95%
Patients with 2 or more SUD stays	5
Mean LOS for SUD stays	27
Patients with 1 or more Non-SUD stays	33%
Mean index length	34

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=3

Treatment Utilization		NJ	NY		
		EAST ORANGE	MONTROSE VA HUDSON HCS NY	N.Y. HARBOR HCS	NORTHPORT
	Unique Patients	395	17	412	76
	Alcohol Only	19%	0%	12%	32%
	Drug Only	24%	18%	16%	18%
	Drug and Alcohol	55%	82%	71%	30%
	Stays with a Psych Dx	42%	35%	49%	26%
	Patients with 1 SUD stay	93%	100%	90%	93%
	Patients with 2 or more SUD stays	7%	0%	10%	7%
	Mean LOS for SUD stays	31	67	19	117
	Patients with 1 or more Non-SUD stays	56%	100%	30%	4%
	Mean index length	30	81	18	114

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=4

Treatment Utilization		PA					
		BUTLER	COATESVILLE	LEBANON	PHILADELPHIA	PITTSBURGH-UNIV DR	WILKES BARRE
	Unique Patients	95	1042	273	1	328	133
	Alcohol Only	27%	11%	15%	0%	22%	54%
	Drug Only	7%	20%	22%	0%	16%	18%
	Drug and Alcohol	65%	69%	63%	100%	63%	28%
	Stays with a Psych Dx	43%	51%	60%	0%	55%	59%
	Patients with 1 SUD stay	97%	96%	96%	100%	88%	94%
	Patients with 2 or more SUD stays	3%	4%	4%	0%	12%	6%
	Mean LOS for SUD stays	88	22	20	21	28	18
	Patients with 1 or more Non-SUD stays	5%	45%	38%	100%	20%	12%
	Mean index length	87	21	19	5	23	17

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=5

Treatment Utilization		MD	WV
		BALTIMORE	MARTINSBURG
	Unique Patients	407	343
	Alcohol Only	24%	24%
	Drug Only	16%	9%
	Drug and Alcohol	59%	67%
	Stays with a Psych Dx	57%	61%
	Patients with 1 SUD stay	99%	95%
	Patients with 2 or more SUD stays	1%	5%
	Mean LOS for SUD stays	49	74
	Patients with 1 or more Non-SUD stays	15%	34%
	Mean index length	48	70

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=6

Treatment Utilization		NC		VA	
		ASHEVILLE-OTTEEN	SALISBURY	HAMPTON	SALEM
	Unique Patients	188	256	216	208
	Alcohol Only	27%	30%	20%	10%
	Drug Only	13%	23%	24%	11%
	Drug and Alcohol	60%	47%	56%	80%
	Stays with a Psych Dx	38%	21%	41%	62%
	Patients with 1 SUD stay	92%	95%	90%	86%
	Patients with 2 or more SUD stays	8%	5%	10%	14%
	Mean LOS for SUD stays	29	37	99	24
	Patients with 1 or more Non-SUD stays	4%	5%	10%	14%
	Mean index length	25	32	90	21



Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=7

Treatment Utilization		AL		GA
		BIRMINGHAM	TUSCALOOSA	DUBLIN
	Unique Patients	1	27	3
	Alcohol Only	0%	15%	0%
	Drug Only	100%	15%	0%
	Drug and Alcohol	0%	59%	100%
	Stays with a Psych Dx	100%	93%	33%
	Patients with 1 SUD stay	100%	96%	100%
	Patients with 2 or more SUD stays	0%	4%	0%
	Mean LOS for SUD stays	22	52	25
	Patients with 1 or more Non-SUD stays	100%	4%	100%
	Mean index length	133	50	104

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=8

Treatment Utilization		548	FL			
		W PALM BEACH	BAY PINES	MIAMI	N FL/S GA HCS	TAMPA
	Unique Patients	1	223	102	80	1
	Alcohol Only	0%	30%	28%	19%	0%
	Drug Only	0%	15%	14%	23%	0%
	Drug and Alcohol	100%	55%	58%	59%	100%
	Stays with a Psych Dx	0%	43%	74%	31%	0%
	Patients with 1 SUD stay	100%	96%	98%	81%	100%
	Patients with 2 or more SUD stays	0%	4%	2%	19%	0%
	Mean LOS for SUD stays	91	27	69	90	30
	Patients with 1 or more Non-SUD stays	100%	18%	4%	3%	100%
	Mean index length	13	26	69	73	92

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=9

Treatment Utilization		KY	TN	
		LEXINGTON-LEESTOWN	MEMPHIS	MOUNTAIN HOME
	Unique Patients	1	257	4
	Alcohol Only	0%	29%	25%
	Drug Only	100%	15%	0%
	Drug and Alcohol	0%	56%	75%
	Stays with a Psych Dx	100%	23%	25%
	Patients with 1 SUD stay	100%	98%	100%
	Patients with 2 or more SUD stays	0%	2%	0%
	Mean LOS for SUD stays	16	21	30
	Patients with 1 or more Non-SUD stays	100%	3%	100%
	Mean index length	2	20	78

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=10

Treatment Utilization		OH			
		CHILLICOTHE	CINCINNATI	CLEVELAND-WADE PARK	DAYTON
	Unique Patients	20	367	904	185
	Alcohol Only	10%	11%	9%	10%
	Drug Only	0%	16%	13%	14%
	Drug and Alcohol	85%	73%	75%	73%
	Stays with a Psych Dx	60%	33%	50%	55%
	Patients with 1 SUD stay	95%	59%	90%	95%
	Patients with 2 or more SUD stays	5%	41%	10%	5%
	Mean LOS for SUD stays	33	29	33	35
	Patients with 1 or more Non-SUD stays	100%	29%	34%	39%
	Mean index length	27	23	30	33

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=11

Treatment Utilization	IL	MI
	ILLIANA HCS DANVILLE IL	BATTLE CREEK
Unique Patients	6	173
Alcohol Only	17%	25%
Drug Only	0%	19%
Drug and Alcohol	83%	55%
Stays with a Psych Dx	67%	52%
Patients with 1 SUD stay	83%	90%
Patients with 2 or more SUD stays	17%	10%
Mean LOS for SUD stays	349	46
Patients with 1 or more Non-SUD stays	0%	10%
Mean index length	342	36

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=12

Treatment Utilization		IL			WI		
		VA CHICAGO HCS	NORTH CHICAGO	HINES	MADISON	TOMAH	MILWAUKEE
	Unique Patients	190	462	14	54	218	327
	Alcohol Only	10%	21%	36%	43%	56%	40%
	Drug Only	16%	34%	0%	11%	4%	19%
	Drug and Alcohol	73%	46%	64%	46%	40%	40%
	Stays with a Psych Dx	53%	44%	57%	61%	24%	20%
	Patients with 1 SUD stay	85%	96%	93%	94%	95%	98%
	Patients with 2 or more SUD stays	15%	4%	7%	6%	5%	2%
	Mean LOS for SUD stays	42	53	49	81	34	80
	Patients with 1 or more Non-SUD stays	26%	34%	86%	0%	12%	82%
	Mean index length	34	51	30	79	33	32

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=15

Treatment Utilization	MO
	VAMC HEARTLAND-W KANSAS MO
Unique Patients	42
Alcohol Only	14%
Drug Only	21%
Drug and Alcohol	64%
Stays with a Psych Dx	21%
Patients with 1 SUD stay	100%
Patients with 2 or more SUD stays	0%
Mean LOS for SUD stays	204
Patients with 1 or more Non-SUD stays	14%
Mean index length	208

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=16

Treatment Utilization		AR	LA	MS	
		LITTLE ROCK	NEW ORLEANS	GULF COAST HCS	JACKSON
	Unique Patients	403	1	2	196
	Alcohol Only	7%	100%	0%	25%
	Drug Only	14%	0%	50%	23%
	Drug and Alcohol	78%	0%	50%	52%
	Stays with a Psych Dx	34%	0%	100%	43%
	Patients with 1 SUD stay	92%	100%	100%	97%
	Patients with 2 or more SUD stays	8%	0%	0%	3%
	Mean LOS for SUD stays	46	23	41	21
	Patients with 1 or more Non-SUD stays	22%	100%	100%	5%
	Mean index length	44	78	18	20



Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=17

Treatment Utilization		TX		
		DALLAS	SAN ANTONIO	VA CENTRAL TEXAS HCS
	Unique Patients	596	311	356
	Alcohol Only	13%	21%	26%
	Drug Only	34%	15%	21%
	Drug and Alcohol	53%	64%	51%
	Stays with a Psych Dx	51%	52%	63%
	Patients with 1 SUD stay	82%	96%	97%
	Patients with 2 or more SUD stays	18%	4%	3%
	Mean LOS for SUD stays	50	22	65
	Patients with 1 or more Non-SUD stays	54%	8%	42%
	Mean index length	43	20	66

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=18

Treatment Utilization		AZ	
		NORTHERN ARIZONA HCS	SOUTHERN ARIZONA HCS
	Unique Patients	4	146
	Alcohol Only	50%	39%
	Drug Only	0%	12%
	Drug and Alcohol	50%	49%
	Stays with a Psych Dx	50%	31%
	Patients with 1 SUD stay	100%	98%
	Patients with 2 or more SUD stays	0%	2%
	Mean LOS for SUD stays	34	24
	Patients with 1 or more Non-SUD stays	100%	3%
	Mean index length	55	23

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=19

Treatment Utilization	UT	WY
	SALT LAKE CITY HTHCARE	SHERIDAN
Unique Patients	133	94
Alcohol Only	41%	47%
Drug Only	19%	9%
Drug and Alcohol	40%	45%
Stays with a Psych Dx	65%	83%
Patients with 1 SUD stay	92%	100%
Patients with 2 or more SUD stays	8%	0%
Mean LOS for SUD stays	34	33
Patients with 1 or more Non-SUD stays	5%	22%
Mean index length	33	34

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=20

Treatment Utilization		463	ID	OR		WA	
		ALASKA HCS & RO	BOISE	VA ROSEBURG HCS	S.ORG REHAB WHITE CITY	PUGET SOUND HCS	WALLA WALLA
	Unique Patients	1	121	181	251	330	225
	Alcohol Only	0%	59%	28%	5%	26%	40%
	Drug Only	0%	16%	17%	5%	18%	7%
	Drug and Alcohol	100%	26%	55%	90%	55%	53%
	Stays with a Psych Dx	0%	77%	48%	14%	69%	43%
	Patients with 1 SUD stay	100%	98%	94%	92%	91%	95%
	Patients with 2 or more SUD stays	0%	3%	6%	8%	9%	5%
	Mean LOS for SUD stays	117	16	28	110	42	26
	Patients with 1 or more Non-SUD stays	100%	2%	6%	100%	21%	9%
	Mean index length	211	16	27	105	31	25

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=21

Treatment Utilization	CA
	PALO ALTO-PALO ALTO
Unique Patients	287
Alcohol Only	12%
Drug Only	19%
Drug and Alcohol	69%
Stays with a Psych Dx	58%
Patients with 1 SUD stay	93%
Patients with 2 or more SUD stays	7%
Mean LOS for SUD stays	59
Patients with 1 or more Non-SUD stays	20%
Mean index length	56

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=23

Treatment Utilization		MN		NE	SD	
		MINNEAPOLIS	ST CLOUD	VA NEB- WESTERN IA HCS	SIOUX FALLS	FORT MEADE
	Unique Patients	1	4	362	1	25
	Alcohol Only	0%	50%	17%	0%	44%
	Drug Only	0%	0%	12%	0%	12%
	Drug and Alcohol	100%	50%	70%	100%	40%
	Stays with a Psych Dx	100%	50%	53%	0%	76%
	Patients with 1 SUD stay	100%	100%	90%	100%	96%
	Patients with 2 or more SUD stays	0%	0%	10%	0%	4%
	Mean LOS for SUD stays	49	16	33	12	142
	Patients with 1 or more Non-SUD stays	100%	100%	30%	100%	52%
	Mean index length	51	49	29	22	182

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

Treatment Utilization	VETS INTEGRATED SVCS NETWORK											
	1	2	3	4	5	6	7	8	9	10	11	12
Unique Patients	327	356	900	1872	750	868	31	407	262	1476	179	1265
Alcohol Only	19%	18%	17%	17%	24%	22%	13%	28%	29%	10%	25%	31%
Drug Only	10%	8%	20%	19%	13%	18%	16%	16%	15%	13%	18%	21%
Drug and Alcohol	72%	73%	61%	64%	63%	60%	61%	57%	56%	75%	56%	48%
Stays with a Psych Dx	53%	45%	43%	53%	59%	39%	87%	48%	24%	47%	53%	37%
Patients with 1 SUD stay	91%	95%	92%	94%	97%	91%	97%	94%	98%	83%	89%	94%
Patients with 2 or more SUD stays	9%	5%	8%	6%	3%	9%	3%	6%	2%	17%	11%	6%
Mean LOS for SUD stays	69	27	34	26	60	48	48	50	21	33	56	56
Patients with 1 or more Non-SUD stays	33%	33%	40%	35%	24%	8%	16%	12%	5%	34%	10%	40%
Mean index length	61	34	33	24	58	42	58	46	21	29	46	41

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

Treatment Utilization		VETS INTEGRATED SVCS NETWORK							
		15	16	17	18	19	20	21	23
	Unique Patients	42	602	1263	150	227	1109	287	393
	Alcohol Only	14%	13%	19%	39%	44%	28%	12%	19%
	Drug Only	21%	17%	25%	12%	15%	12%	19%	12%
	Drug and Alcohol	64%	70%	55%	49%	42%	59%	69%	68%
	Stays with a Psych Dx	21%	37%	55%	31%	73%	49%	58%	54%
	Patients with 1 SUD stay	100%	94%	90%	98%	96%	93%	93%	90%
	Patients with 2 or more SUD stays	0%	6%	10%	2%	4%	7%	7%	10%
	Mean LOS for SUD stays	204	38	47	24	34	49	59	40
	Patients with 1 or more Non-SUD stays	14%	16%	40%	6%	12%	32%	20%	32%
	Mean index length	208	36	44	24	33	44	56	39



## **Appendix D**

**Diagnostic Characteristics and Episodes of Care for SUD Extended Care  
Not Discharged from Specialized Units in 2005 (by VISN and Facility)**

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=1

Treatment Utilization		CT	MA			ME	NH	RI
		WEST HAVEN	BEDFORD	BOSTON	NORTHAMPTON	TOGUS	MANCHESTER	PROVIDENCE
	Unique Patients	18	265	87	13	4	3	2
	Index Length LOS for Psych stays	49	76	140	35	247	32	.
	Patients w/ 1 Psych stay	50%	63%	47%	23%	0%	67%	0%
	Patients w/ 2 or more Psych stays	17%	19%	13%	0%	25%	33%	0%
	Patients w/ at least one medical stay	11%	6%	7%	15%	0%	0%	0%
	LOS for all Psych stays	57	98	153	20	278	38	.
	Unique medical Patients	6	48	35	10	3	0	2
	Patients w/ 1 med stay	67%	77%	86%	70%	100%	.	100%
	Patients w/ 2 or more med stays	33%	23%	14%	30%	0%	.	0%
	Mean Index LOS for Med only stays	34	61	59	22	25	.	313
	Mean LOS for Med only stays	44	80	69	24	25	.	313

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=2

Treatment Utilization	NY
	UPSTATE N.Y.
Unique Patients	684
Index Length LOS for Psych stays	96
Patients w/ 1 Psych stay	52%
Patients w/ 2 or more Psych stays	8%
Patients w/ at least one medical stay	3%
LOS for all Psych stays	103
Unique medical Patients	275
Patients w/ 1 med stay	93%
Patients w/ 2 or more med stays	7%
Mean Index LOS for Med only stays	111
Mean LOS for Med only stays	116

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=3

Treatment Utilization		NJ	NY			
		EAST ORANGE	BRONX	MONTROSE HUDSON	N.Y. HARBOR	NORTHPORT
	Unique Patients	168	4	348	103	4
	Index Length LOS for Psych stays	76	.	86	93	168
	Patients w/ 1 Psych stay	58%	25%	62%	45%	50%
	Patients w/ 2 or more Psych stays	13%	0%	11%	4%	0%
	Patients w/ at least one medical stay	2%	25%	3%	4%	0%
	LOS for all Psych stays	88	17	95	99	168
	Unique medical Patients	50	3	96	53	2
	Patients w/ 1 med stay	100%	100%	93%	85%	100%
	Patients w/ 2 or more med stays	0%	0%	7%	15%	0%
	Mean Index LOS for Med only stays	164	42	82	83	57
	Mean LOS for Med only stays	164	42	89	94	57

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=4

Treatment Utilization		DE	PA						
		WILMINGTON	BUTLER	COATESVILLE	ERIE	LEBANON	PHILADELPHIA	PITTSBURGH	WILKES BARRE
Unique Patients		2	65	164	4	35	7	127	2
Index Length LOS for Psych stays		52	102	86	.	67	.	115	12
Patients w/ 1 Psych stay		100%	40%	66%	0%	37%	0%	62%	50%
Patients w/ 2 or more Psych stays		0%	2%	4%	0%	26%	0%	4%	0%
Patients w/ at least one medical stay		0%	2%	2%	0%	9%	0%	1%	0%
LOS for all Psych stays		52	103	88	.	121	.	118	12
Unique medical Patients		0	38	49	4	13	7	43	1
Patients w/ 1 med stay		.	95%	98%	100%	77%	100%	88%	100%
Patients w/ 2 or more med stays		.	5%	2%	0%	23%	0%	12%	0%
Mean Index LOS for Med only stays		.	104	94	24	62	710	146	8
Mean LOS for Med only stays		.	108	99	24	114	710	148	8

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=4

Treatment Utilization		WV
		CLARKSBURG
	Unique Patients	6
	Index Length LOS for Psych stays	.
	Patients w/ 1 Psych stay	0%
	Patients w/ 2 or more Psych stays	0%
	Patients w/ at least one medical stay	0%
	LOS for all Psych stays	.
	Unique medical Patients	6
	Patients w/ 1 med stay	50%
	Patients w/ 2 or more med stays	50%
	Mean Index LOS for Med only stays	18
	Mean LOS for Med only stays	33

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=5

Treatment Utilization		DC	MD	WV
		WASHINGTON	BALTIMORE	MARTINSBURG
	Unique Patients	26	261	253
	Index Length LOS for Psych stays	30	87	132
	Patients w/ 1 Psych stay	23%	55%	65%
	Patients w/ 2 or more Psych stays	4%	16%	10%
	Patients w/ at least one medical stay	4%	3%	1%
	LOS for all Psych stays	35	99	140
	Unique medical Patients	19	77	64
	Patients w/ 1 med stay	84%	92%	81%
	Patients w/ 2 or more med stays	16%	8%	19%
	Mean Index LOS for Med only stays	52	93	324
	Mean LOS for Med only stays	70	98	331

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=6

Treatment Utilization		NC				VA			WV
		DURHAM	FAYETTEVILLE NC	ASHEVILLE-OTEEN	SALISBURY	HAMPTON	RICHMOND	SALEM	BECKLEY
Unique Patients		17	1	3	4	451	1	3	3
Index Length LOS for Psych stays		70	.	.	2156	43	.	1	6
Patients w/ 1 Psych stay		18%	0%	0%	25%	39%	0%	33%	33%
Patients w/ 2 or more Psych stays		0%	0%	0%	25%	5%	0%	0%	0%
Patients w/ at least one medical stay		5.9%	0%	0%	25%	2%	0%	0%	0%
LOS for all Psych stays		70	.	.	1247	54	.	1	6
Unique medical Patients		14	1	3	2	253	1	2	2
Patients w/ 1 med stay		100%	0%	67%	100%	98%	100%	50%	100%
Patients w/ 2 or more med stays		0%	100%	33%	0%	2%	0%	50%	0%
Mean Index LOS for Med only stays		56	9	36	286	48	27	43	17
Mean LOS for Med only stays		56	28	45	286	49	27	83	17



Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=7

Treatment Utilization		AL			GA			SC	
		BIRMINGHAM	MONTGOMERY	TUSCALOOSA	ATLANTA	AUGUSTA	DUBLIN	CHARLESTON	COLUMBIA SC
Unique Patients		24	279	25	28	154	315	5	4
Index Length LOS for Psych stays		246	77	59	323	91	74	89	.
Patients w/ 1 Psych stay		25%	64%	76%	14%	55%	50%	20%	0%
Patients w/ 2 or more Psych stays		0%	2%	0%	0%	3%	6%	0%	0%
Patients w/ at least one medical stay		0%	1%	12%	0%	0%	4%	0%	0%
LOS for all Psych stays		246	79	55	323	93	85	89	.
Unique medical Patients		18	95	6	24	66	139	4	4
Patients w/ 1 med stay		100%	97%	67%	100%	95%	78%	100%	100%
Patients w/ 2 or more med stays		0%	3%	33%	0%	5%	22%	0%	0%
Mean Index LOS for Med only stays		159	75	192	187	128	63	128	49
Mean LOS for Med only stays		159	75	197	187	131	86	128	49

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=8

Treatment Utilization	FL					PR
	W PALM BEACH	BAY PINES	MIAMI	N FL/S GA HCS	TAMPA	SAN JUAN PR
Unique Patients	28	181	91	81	73	6
Index Length LOS for Psych stays	79	58	74	112	124	2
Patients w/ 1 Psych stay	21%	49%	77%	46%	51%	17%
Patients w/ 2 or more Psych stays	0%	5%	6%	5%	0%	0%
Patients w/ at least one medical stay	0%	2%	1%	6%	0%	0%
LOS for all Psych stays	79	66	78	121	124	2
Unique medical Patients	22	83	16	40	36	5
Patients w/ 1 med stay	91%	89%	75%	85%	97%	100%
Patients w/ 2 or more med stays	9%	11%	25%	15%	3%	0%
Mean Index LOS for Med only stays	42	122	36	65	131	38
Mean LOS for Med only stays	51	131	57	70	131	38

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=9

Treatment Utilization		KY		TN			WV
		LEXINGTON-LEESTOWN	LOUISVILLE	MEMPHIS	MOUNTAIN HOME	VA MID TENN HCS NASH TN	HUNTINGTON
	Unique Patients	24	1	12	378	15	4
	Index Length LOS for Psych stays	59	3004	49	137	144	20
	Patients w/ 1 Psych stay	50%	100%	17%	46%	27%	50%
	Patients w/ 2 or more Psych stays	13%	0%	8%	2%	0%	0%
	Patients w/ at least one medical stay	0%	0%	0%	3%	0%	25%
	LOS for all Psych stays	64	3004	59	135	144	11
	Unique medical Patients	9	0	9	199	11	2
	Patients w/ 1 med stay	100%	.	100%	98%	100%	100%
	Patients w/ 2 or more med stays	0%	.	0%	2%	0%	0%
	Mean Index LOS for Med only stays	49	.	28	158	69	91
	Mean LOS for Med only stays	49	.	28	159	69	91

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=10

Treatment Utilization		OH			
		CHILLICOTHE	CINCINNATI	CLEVELAND-WADE PARK	DAYTON
	Unique Patients	605	58	308	68
	Index Length LOS for Psych stays	23	91	50	178
	Patients w/ 1 Psych stay	43%	40%	59%	31%
	Patients w/ 2 or more Psych stays	17%	14%	13%	9%
	Patients w/ at least one medical stay	10%	2%	4%	2%
	LOS for all Psych stays	36	109	63	176
	Unique medical Patients	242	27	87	41
	Patients w/ 1 med stay	71%	93%	92%	76%
	Patients w/ 2 or more med stays	29%	7%	8%	24%
	Mean Index LOS for Med only stays	31	102	68	59
	Mean LOS for Med only stays	47	110	74	63

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=11

Treatment Utilization		IL	IN		MI			
		ILLIANA DANVILLE	INDIANAPOLIS	NORTHERN INDIANA	ANN ARBOR	BATTLE CREEK	DETROIT	SAGINAW
	Unique Patients	12	27	22	14	109	34	25
	Index Length LOS for Psych stays	349	136	146	.	36.4	107	21.3
	Patients w/ 1 Psych stay	33%	63%	55%	0%	61%	18%	16%
	Patients w/ 2 or more Psych stays	8%	7%	0%	0%	31%	9%	0%
	Patients w/ at least one medical stay	8%	4%	9%	0%	1%	9%	8%
	LOS for all Psych stays	323	139	136	.	47	91	41
	Unique medical Patients	7	8	10	14	8	25	21
	Patients w/ 1 med stay	100%	88%	80%	93%	63%	92%	76%
	Patients w/ 2 or more med stays	0%	13%	20%	7%	38%	8%	24%
	Mean Index LOS for Med only stays	161	19	130	31	208	24	101
	Mean LOS for Med only stays	161	23	135	38	222	31	116

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=12

Treatment Utilization		IL			MI	WI	
		CHICAGO	NORTH CHICAGO	HINES	IRON MOUNTAIN	TOMAH	MILWAUKEE
	Unique Patients	148	94	224	10	28	104
	Index Length LOS for Psych stays	85	69	32	.	274	384
	Patients w/ 1 Psych stay	79%	57%	72%	0%	18%	43%
	Patients w/ 2 or more Psych stays	11%	14%	15%	0%	0%	10%
	Patients w/ at least one medical stay	1%	4%	7%	0%	0%	4%
	LOS for all Psych stays	94	82	46	.	274	385
	Unique medical Patients	15	27	30	10	23	49
	Patients w/ 1 med stay	93%	81%	80%	100%	91%	92%
	Patients w/ 2 or more med stays	7%	19%	20%	0%	9%	8%
	Mean Index LOS for Med only stays	24	80	225	46	72	80
	Mean LOS for Med only stays	26	90	235	46	73	86

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=15

Treatment Utilization		MO	
		HEARTLAND-W	HEARTLAND-E
	Unique Patients	506	166
	Index Length LOS for Psych stays	140	98
	Patients w/ 1 Psych stay	61%	39%
	Patients w/ 2 or more Psych stays	5%	1%
	Patients w/ at least one medical stay	2%	1%
	LOS for all Psych stays	148	99
	Unique medical Patients	173	100
	Patients w/ 1 med stay	97%	89%
	Patients w/ 2 or more med stays	3%	11%
	Mean Index LOS for Med only stays	119	74
	Mean LOS for Med only stays	121	80

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=16

Treatment Utilization		AR	LA			MS		OK		TX
		LITTLE ROCK	ALEXANDRIA	NEW ORLEANS	SHREVEPORT	GULF COAST	JACKSON	MUSKOGEE	OKLAHOMA CITY	HOUSTON
	Unique Patients	159	7	32	1	489	6	5	35	12
	Index Length LOS for Psych stays	64	132	44	.	99	36	.	74	395
	Patients w/ 1 Psych stay	65%	29%	38%	0%	40%	67%	0%	7%	8%
	Patients w/ 2 or more Psych stays	11%	14%	3%	0%	4%	17%	0%	3%	0%
	Patients w/ at least one medical stay	4%	14%	0%	0%	9%	0%	0%	6%	0%
	LOS for all Psych stays	83	185	54	.	102	46	.	75	395
	Unique medical Patients	37	4	19	1	273	1	5	31	11
	Patients w/ 1 med stay	68%	100%	84%	100%	83%	100%	80%	87%	91%
	Patients w/ 2 or more med stays	32%	0%	16%	0%	17%	0%	20%	13%	9%
	Mean Index LOS for Med only stays	85	54	59	47	109	830	318	100	155
	Mean LOS for Med only stays	132	54	80	47	112	830	319	103	160



Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=17

Treatment Utilization		TX		
		DALLAS	SAN ANTONIO	VA CENTRAL TEXAS HCS
	Unique Patients	153	64	239
	Index Length LOS for Psych stays	183	32.3	193
	Patients w/ 1 Psych stay	48%	19%	64%
	Patients w/ 2 or more Psych stays	3%	2%	7%
	Patients w/ at least one medical stay	1%	3%	3%
	LOS for all Psych stays	193	36	209
	Unique medical Patients	74	51	69
	Patients w/ 1 med stay	92%	84%	90%
	Patients w/ 2 or more med stays	8%	16%	10%
	Mean Index LOS for Med only stays	115	79	239
	Mean LOS for Med only stays	119	92	246

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=18

Treatment Utilization	AZ			NM	TX	
	PHOENIX	NORTHERN ARIZONA	SOUTHERN ARIZONA	NEW MEXICO	WEST TEXAS	EL PASO
Unique Patients	17	354	50	96	4	1
Index Length LOS for Psych stays	126	89	25	74	.	.
Patients w/ 1 Psych stay	12%	53%	28%	45%	0%	0%
Patients w/ 2 or more Psych stays	12%	12%	6%	4%	0%	0%
Patients w/ at least one medical stay	6%	4%	8%	3%	0%	0%
LOS for all Psych stays	153	99	39	78	.	.
Unique medical Patients	13	124	33	49	4	1
Patients w/ 1 med stay	100%	74%	85%	78%	100%	100%
Patients w/ 2 or more med stays	0%	26%	15%	22%	0%	0%
Mean Index LOS for Med only stays	91	80	31	75	46	108
Mean LOS for Med only stays	91	100	36	85	46	108

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=19

Treatment Utilization		CO		MT	UT	WY	
		DENVER	GRAND JUNCTION	FORT HARRISON	SALT LAKE CITY HTHCARE	CHEYENNE	SHERIDAN
	Unique Patients	40	13	18	3	3	55
	Index Length LOS for Psych stays	68	6	97	32	.	70
	Patients w/ 1 Psych stay	75%	8%	17%	33%	0%	91%
	Patients w/ 2 or more Psych stays	3%	8%	0%	0%	0%	7%
	Patients w/ at least one medical stay	0%	8%	0%	0%	0%	0%
	LOS for all Psych stays	86	40	97	32	.	73
	Unique medical Patients	9	11	15	2	3	1
	Patients w/ 1 med stay	89%	64%	100%	100%	67%	100%
	Patients w/ 2 or more med stays	11%	36%	0%	0%	33%	0%
	Mean Index LOS for Med only stays	265	26	31	32	59	354
	Mean LOS for Med only stays	283	36	31	32	98	354

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=20

Treatment Utilization		AK	ID	OR			WA		
		ALASKA	BOISE	PORTLAND	ROSEBURG	WHITE CITY	PUGET SOUND	SPOKANE	WALLA WALLA
	Unique Patients	71	8	22	13	289	63	3	19
	Index Length LOS for Psych stays	149	10	21	31	276	103	.	51
	Patients w/ 1 Psych stay	55%	38%	14%	15%	31%	79%	0%	53%
	Patients w/ 2 or more Psych stays	9%	0%	0%	0%	2%	5%	0%	11%
	Patients w/ at least one medical stay	1%	13%	5%	8%	5%	0%	0%	11%
	LOS for all Psych stays	169	10	15	23	264	106	.	51
	Unique medical Patients	26	5	19	11	194	10	3	7
	Patients w/ 1 med stay	96%	100%	95%	100%	94%	100%	100%	100%
	Patients w/ 2 or more med stays	4%	0%	5%	0%	6%	0%	0%	0%
	Mean Index LOS for Med only stays	133	11	28	52	238	70	24	14
	Mean LOS for Med only stays	139	11	29	52	247	70	24	14

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=21

Treatment Utilization		CA				HI	NV
		CENTRAL CALIFORNIA	NCHC MARTINEZ	PALO ALTO	SAN FRANCISCO	HONOLULU	SIERRA NEVADA
	Unique Patients	2	47	352	33	29	16
	Index Length LOS for Psych stays	.	45	101	690	49	.
	Patients w/ 1 Psych stay	0%	30%	75%	21%	93%	0%
	Patients w/ 2 or more Psych stays	0%	6%	6%	3%	0%	0%
	Patients w/ at least one medical stay	0%	11%	3%	0%	0%	0%
	LOS for all Psych stays	.	62	107	692	49	.
	Unique medical Patients	2	30	66	25	2	16
	Patients w/ 1 med stay	100%	90%	82%	72%	100%	88%
	Patients w/ 2 or more med stays	0%	10%	18%	28%	0%	13%
	Mean Index LOS for Med only stays	18	51	93	117	91	43
	Mean LOS for Med only stays	18	56	109	141	91	44

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=22

Treatment Utilization		CA			
		LONG BEACH	LOMA LINDA	SAN DIEGO	GREATER LA HCS
	Unique Patients	16	35	36	543
	Index Length LOS for Psych stays	218	79	59	107
	Patients w/ 1 Psych stay	25%	11%	19%	63%
	Patients w/ 2 or more Psych stays	6%	6%	3%	4%
	Patients w/ at least one medical stay	13%	3%	3%	2%
	LOS for all Psych stays	202	87	62	110
	Unique medical Patients	11	29	28	179
	Patients w/ 1 med stay	82%	86%	89%	94%
	Patients w/ 2 or more med stays	18%	14%	11%	5.6%
	Mean Index LOS for Med only stays	52	43	26	90
	Mean LOS for Med only stays	79	48	31	95

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

VETS INTEGRATED SVCS NETWORK=23

Treatment Utilization		MN		ND	NE	SD	
		MINNEAPOLIS	ST CLOUD	FARGO	WESTERN IA	SIOUX FALLS	FORT MEADE
	Unique Patients	35	780	12	312	17	398
	Index Length LOS for Psych stays	58	50	12	44	2482	137
	Patients w/ 1 Psych stay	20%	60%	25%	45%	6%	51%
	Patients w/ 2 or more Psych stays	0%	7%	0%	15%	6%	14%
	Patients w/ at least one medical stay	6%	3%	0%	3%	0%	5%
	LOS for all Psych stays	56	54	12	55	2593	149
	Unique medical Patients	28	262	9	123	15	142
	Patients w/ 1 med stay	79%	89%	89%	91%	80%	93%
	Patients w/ 2 or more med stays	21%	11%	11%	9%	20%	7%
	Mean Index LOS for Med only stays	43	64	15	43	40	122
	Mean LOS for Med only stays	49	70	17	48	48	125

Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

Treatment Utilization	VETS INTEGRATED SVCS NETWORK											
	1	2	3	4	5	6	7	8	9	10	11	12
Unique Patients	392	684	627	412	540	483	834	460	434	1039	243	608
Index Length LOS for Psych stays	85.6	95.8	84.5	95.3	108	53.9	82.4	80.8	143	43.0	69.5	97.2
Patients w/ 1 Psych stay	56%	52%	58%	56%	58%	37%	54%	52%	45%	47%	45%	63%
Patients w/ 2 or more Psych stays	17%	8.2%	9.9%	5.3%	12%	5.2%	3.6%	3.9%	2.3%	15%	16%	12%
Patients w/ at least one medical stay	6.6%	3.4%	3%	1.9%	2.4%	2.1%	2	2.2%	3	7.5%	4.1%	4.1%
LOS for Psych stays	105	103	93.7	102	119	65.0	86.8	86.5	142	54.4	77.3	109
Unique medical patients	104	275	204	161	160	278	356	202	230	397	93	154
Patients w/ 1 med stay	80%	93%	93%	91%	87%	97%	89%	89%	98%	78%	85%	88%
Patients w/ 2 or more med stays	20%	6.9%	7.4%	8.7%	13%	3.2%	11%	11%	1.7%	22%	15%	12%
Mean Index LOS for Med only pat stays	58.5	111	102	129	180	49.5	94.3	94.6	144	47.0	79.6	99.2
Mean LOS for Med only pat stays	71.6	116	108	137	188	51.2	104	102	144	58.8	87.9	106



Diagnostic Characteristics and Episodes of Care for SUD Extended Care Discharged from Specialized Units  
in 2005

Treatment Utilization		VETS INTEGRATED SVCS NETWORK								
		15	16	17	18	19	20	21	22	23
	Unique Patients	672	746	456	522	132	488	479	630	1554
	Index Length LOS for Psych stays	133	84.8	183	83.9	69.1	183	108	107	76.6
	Patients w/ 1 Psych stay	56%	43%	52%	47%	64%	40%	65%	57%	53%
	Patients w/ 2 or more Psych stays	3.9%	5.5%	5	10%	4.5%	3.3%	5.2%	4	10%
	Patients w/ at least one medical stay	1.6%	7.4%	2.2%	3.8%	.76%	3.9%	3.1%	1.9%	3.5%
	LOS for Psych stays	140	94.2	196	93.3	77.1	184	114	109	84.4
	Unique medical patients	273	382	194	224	41	275	141	247	579
	Patients w/ 1 med stay	94%	82%	89%	79%	85%	95%	83%	92%	90%
	Patients w/ 2 or more med stays	5.9%	18%	11%	21%	15%	4.7%	17%	7.7%	10%
	Mean Index LOS for Med only pat stays	103	109	150	71.9	91.0	188	81.5	75.6	71.4
	Mean LOS for Med only pat stays	106	117	157	85.6	100	195	94.7	81.4	76.1

# **Appendix E**

**Diagnostic Characteristics and Episodes of Care for SUD Inpatients  
Discharged from Specialized Units in Fiscal Year 2003  
(by VISN and Facility)**

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=1

Treatment Utilization		CT	MA			ME	RI	VT
		WEST HAVEN	BEDFORD	BOSTON	NORTHAMPTON	TOGUS	PROVIDENCE	WHITE RIVER
	Unique Patients	1	51	653	5	3	11	3
	Alcohol Only	.00%	7.8%	34%	20%	.00%	18%	.00%
	Drug Only	.00%	3.9%	11%	.00%	.00%	.00%	.00%
	Drug and Alcohol	100%	88%	55%	80%	100%	82%	100%
	stays w/ Psych Dx	.00%	78%	50%	80%	33%	55%	67%
	patients w/ 1 SUD stay	100%	67%	68%	80%	100%	82%	100%
	patients w/ 2 or more SUD stays	.00%	33%	32%	20%	.00%	18%	.00%
	Average LOS for all SUD stays	1.0	6.8	8.9	4.8	9.3	3.6	3.3
	No Non-SUD stays	.00%	.00%	60%	.00%	.00%	.00%	.00%
	1 or more Non-SUD stays	100%	100%	40%	100%	100%	100%	100%
	LOS for all index stays	1.0	6.8	8.9	4.8	9.3	3.6	3.3

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=2

Treatment Utilization		NY
		UPSTATE N.Y.
	Unique Patients	3
	Alcohol Only	.00%
	Drug Only	.00%
	Drug and Alcohol	100%
	stays w/ Psych Dx	100%
	patients w/ 1 SUD stay	67%
	patients w/ 2 or more SUD stays	33%
	Average LOS for all SUD stays	3.7
	No Non-SUD stays	.00%
	1 or more Non-SUD stays	100%
	LOS for all index stays	3.7

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=3

Treatment Utilization		NJ	NY		
		EAST ORANGE	BRONX	MONTROSE VA HUDSON NY	N.Y. HARBOR
	Unique Patients	12	1	1	1
	Alcohol Only	25%	.00%	.00%	.00%
	Drug Only	25%	.00%	.00%	.00%
	Drug and Alcohol	50%	100%	100%	100%
	stays w/ Psych Dx	50%	.00%	100%	100%
	patients w/ 1 SUD stay	100%	100%	100%	100%
	patients w/ 2 or more SUD stays	.00%	.00%	.00%	.00%
	Average LOS for all SUD stays	18.3	1.0	3.0	2.0
	No Non-SUD stays	50%	.00%	.00%	.00%
	1 or more Non-SUD stays	50%	100%	100%	100%
	LOS for all index stays	18.3	1.0	3.0	2.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=4

Treatment Utilization		PA				WV
		COATESVILLE	LEBANON	PITTSBURGH	WILKES BARRE	CLARKSBURG
	Unique Patients	1	2	2	98	3
	Alcohol Only	.00%	50%	.00%	40%	.00%
	Drug Only	.00%	.00%	.00%	18%	.00%
	Drug and Alcohol	100%	50%	100%	42%	100%
	stays w/ Psych Dx	.00%	100%	.00%	46%	67%
	patients w/ 1 SUD stay	100%	50%	50%	81%	100%
	patients w/ 2 or more SUD stays	.00%	50%	50%	19%	.00%
	Average LOS for all SUD stays	14.0	2.5	11.5	2.1	8.0
	No Non-SUD stays	.00%	.00%	.00%	14%	.00%
	1 or more Non-SUD stays	100%	100%	100%	86%	100%
	LOS for all index stays	14.0	2.5	11.5	2.1	8.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=5

Treatment Utilization		WV
		MARTINSBURG
	Unique Patients	2
	Alcohol Only	.00%
	Drug Only	.00%
	Drug and Alcohol	100%
	stays w/ Psych Dx	100%
	patients w/ 1 SUD stay	100%
	patients w/ 2 or more SUD stays	.00%
	Average LOS for all SUD stays	10.0
	No Non-SUD stays	.00%
	1 or more Non-SUD stays	100%
	LOS for all index stays	10.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=6

Treatment Utilization		NC	VA		
		DURHAM	HAMPTON	RICHMOND	SALEM
	Unique Patients	1	8	223	2
	Alcohol Only	.00%	.00%	7.6%	.00%
	Drug Only	.00%	25%	20%	.00%
	Drug and Alcohol	100%	75%	72%	50%
	stays w/ Psych Dx	100%	75%	30%	50%
	patients w/ 1 SUD stay	100%	100%	96%	100%
	patients w/ 2 or more SUD stays	.00%	.00%	4.5%	.00%
	Average LOS for all SUD stays	7.0	19.8	18.7	3.0
	No Non-SUD stays	.00%	13%	55%	.00%
	1 or more Non-SUD stays	100%	88%	45%	100%
	LOS for all index stays	7.0	19.8	18.7	3.0



Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=7

Treatment Utilization		AL	GA	SC
		MONTGOMERY	ATLANTA	CHARLESTON
	Unique Patients	1	1	1
	Alcohol Only	.00%	.00%	.00%
	Drug Only	.00%	100%	.00%
	Drug and Alcohol	100%	.00%	100%
	stays w/ Psych Dx	100%	100%	100%
	patients w/ 1 SUD stay	100%	100%	100%
	patients w/ 2 or more SUD stays	.00%	.00%	.00%
	Average LOS for all SUD stays	3.0	5.0	28.0
	No Non-SUD stays	.00%	.00%	.00%
	1 or more Non-SUD stays	100%	100%	100%
	LOS for all index stays	3.0	5.0	28.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=8

Treatment Utilization		548	FL			
		W PALM BEACH	BAY PINES	MIAMI	N FL/S GA	TAMPA
	Unique Patients	2	1	1	1	1
	Alcohol Only	.00%	.00%	.00%	.00%	.00%
	Drug Only	.00%	.00%	.00%	.00%	.00%
	Drug and Alcohol	100%	100%	100%	100%	100%
	stays w/ Psych Dx	50%	.00%	.00%	100%	100%
	patients w/ 1 SUD stay	100%	100%	.00%	.00%	.00%
	patients w/ 2 or more SUD stays	.00%	.00%	100%	100%	100%
	Average LOS for all SUD stays	6.0	21.0	6.0	10.0	6.0
	No Non-SUD stays	.00%	.00%	.00%	.00%	.00%
	1 or more Non-SUD stays	100%	100%	100%	100%	100%
	LOS for all index stays	6.0	21.0	6.0	10.0	6.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=9

Treatment Utilization		TN	
		MEMPHIS	VA MID TENN NASH TN
	Unique Patients	5	3
	Alcohol Only	60%	.00%
	Drug Only	.00%	33%
	Drug and Alcohol	40%	67%
	stays w/ Psych Dx	20%	33%
	patients w/ 1 SUD stay	100%	100%
	patients w/ 2 or more SUD stays	.00%	.00%
	Average LOS for all SUD stays	3.8	4.7
	No Non-SUD stays	80%	.00%
	1 or more Non-SUD stays	20%	100%
	LOS for all index stays	3.8	4.7

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=10

Treatment Utilization		OH			
		CHILLICOTHE	CINCINNATI	CLEVELAND-WADE PARK	DAYTON
	Unique Patients	4	74	141	18
	Alcohol Only	.00%	1.4%	.71%	.00%
	Drug Only	.00%	5.4%	23%	22%
	Drug and Alcohol	100%	93%	77%	61%
	stays w/ Psych Dx	50%	31%	35%	50%
	patients w/ 1 SUD stay	100%	78%	87%	100%
	patients w/ 2 or more SUD stays	.00%	22%	13%	.00%
	Average LOS for all SUD stays	13.5	4.8	5.5	6.2
	No Non-SUD stays	.00%	45%	50%	28%
	1 or more Non-SUD stays	100%	55%	50%	72%
	LOS for all index stays	13.5	4.8	5.5	6.2

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=11

Treatment Utilization		IL	IN	MI		
		ILLIANA DANVILLE IL	INDIANAPOLIS-10TH ST	ANN ARBOR	BATTLE CREEK	DETROIT VAMC
	Unique Patients	1	1	2	6	227
	Alcohol Only	.00%	100%	.00%	.00%	7.0%
	Drug Only	100%	.00%	.00%	17%	22%
	Drug and Alcohol	.00%	.00%	100%	83%	68%
	stays w/ Psych Dx	.00%	100%	50%	17%	31%
	patients w/ 1 SUD stay	100%	100%	100%	83%	94%
	patients w/ 2 or more SUD stays	.00%	.00%	.00%	17%	5.7%
	Average LOS for all SUD stays	6.0	7.0	7.0	8.5	7.5
	No Non-SUD stays	.00%	.00%	.00%	.00%	67%
	1 or more Non-SUD stays	100%	100%	100%	100%	33%
	LOS for all index stays	6.0	7.0	7.0	8.5	7.5

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=12

Treatment Utilization		IL
		NORTH CHICAGO
	Unique Patients	1
	Alcohol Only	.00%
	Drug Only	100%
	Drug and Alcohol	.00%
	stays w/ Psych Dx	.00%
	patients w/ 1 SUD stay	100%
	patients w/ 2 or more SUD stays	.00%
	Average LOS for all SUD stays	226
	No Non-SUD stays	.00%
	1 or more Non-SUD stays	100%
	LOS for all index stays	226

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=15

Treatment Utilization		MO	
		VAMC HEARTLAND-W KANSAS MO	VA HEARTLAND-E VH MO
	Unique Patients	1	1
	Alcohol Only	.00%	.00%
	Drug Only	.00%	.00%
	Drug and Alcohol	100%	100%
	stays w/ Psych Dx	.00%	.00%
	patients w/ 1 SUD stay	100%	100%
	patients w/ 2 or more SUD stays	.00%	.00%
	Average LOS for all SUD stays	6.0	4.0
	No Non-SUD stays	.00%	.00%
	1 or more Non-SUD stays	100%	100%
	LOS for all index stays	6.0	4.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=16

Treatment Utilization		AR		MS	TX
		FAYETTEVILLE AR	LITTLE ROCK	JACKSON	HOUSTON
	Unique Patients	1	11	1	26
	Alcohol Only	.00%	9.1%	.00%	7.7%
	Drug Only	.00%	.00%	.00%	27%
	Drug and Alcohol	100%	91%	100%	65%
	stays w/ Psych Dx	.00%	45%	100%	54%
	patients w/ 1 SUD stay	100%	100%	100%	96%
	patients w/ 2 or more SUD stays	.00%	.00%	.00%	3.8%
	Average LOS for all SUD stays	35.0	26.4	29.0	6.3
	No Non-SUD stays	.00%	36%	.00%	19%
	1 or more Non-SUD stays	100%	64%	100%	81%
	LOS for all index stays	35.0	26.4	29.0	6.3



Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=17

Treatment Utilization		TX	
		DALLAS	SAN ANTONIO
	Unique Patients	2	1
	Alcohol Only	.00%	.00%
	Drug Only	.00%	.00%
	Drug and Alcohol	50%	.00%
	stays w/ Psych Dx	50%	100%
	patients w/ 1 SUD stay	100%	100%
	patients w/ 2 or more SUD stays	.00%	.00%
	Average LOS for all SUD stays	15.0	13.0
	No Non-SUD stays	.00%	.00%
	1 or more Non-SUD stays	100%	100%
	LOS for all index stays	15.0	13.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=18

Treatment Utilization		AZ	
		PHOENIX	SOUTHERN ARIZONA
	Unique Patients	1	1
	Alcohol Only	.00%	.00%
	Drug Only	.00%	.00%
	Drug and Alcohol	100%	100%
	stays w/ Psych Dx	100%	.00%
	patients w/ 1 SUD stay	100%	.00%
	patients w/ 2 or more SUD stays	.00%	100%
	Average LOS for all SUD stays	7.0	6.0
	No Non-SUD stays	.00%	.00%
	1 or more Non-SUD stays	100%	100%
	LOS for all index stays	7.0	6.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=20

Treatment Utilization		ID	OR		WA		
		BOISE	PORTLAND	VA ROSEBURG	PUGET SOUND	SPOKANE	WALLA WALLA
	Unique Patients	1	1	2	283	1	32
	Alcohol Only	.00%	.00%	.00%	4.6%	.00%	28%
	Drug Only	.00%	.00%	.00%	17%	.00%	19%
	Drug and Alcohol	100%	100%	100%	78%	100%	53%
	stays w/ Psych Dx	.00%	.00%	100%	61%	100%	44%
	patients w/ 1 SUD stay	100%	100%	100%	91%	100%	81%
	patients w/ 2 or more SUD stays	.00%	.00%	.00%	9.2%	.00%	19%
	Average LOS for all SUD stays	6.0	6.0	7.0	7.1	6.0	7.7
	No Non-SUD stays	.00%	.00%	.00%	73%	.00%	72%
	1 or more Non-SUD stays	100%	100%	100%	27%	100%	28%
	LOS for all index stays	6.0	6.0	7.0	7.1	6.0	7.7

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=21

Treatment Utilization		CA			
		CENTRAL CALIFORNIA	NCHC MARTINEZ	PALO ALTO-PALO ALTO	SAN FRANCISCO
	Unique Patients	42	1	103	1
	Alcohol Only	19%	.00%	13%	.00%
	Drug Only	19%	.00%	13%	.00%
	Drug and Alcohol	62%	100%	74%	100%
	stays w/ Psych Dx	67%	.00%	72%	.00%
	patients w/ 1 SUD stay	95%	100%	96%	100%
	patients w/ 2 or more SUD stays	4.8%	.00%	3.9%	.00%
	Average LOS for all SUD stays	5.1	7.0	23.9	33.0
	No Non-SUD stays	50%	.00%	47%	.00%
	1 or more Non-SUD stays	50%	100%	53%	100%
	LOS for all index stays	5.1	7.0	23.9	33.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=22

Treatment Utilization		CA	
		VA LONG BEACH CA	VA SAN DIEGO CA
	Unique Patients	4	328
	Alcohol Only	.00%	19%
	Drug Only	.00%	13%
	Drug and Alcohol	100%	67%
	stays w/ Psych Dx	50%	40%
	patients w/ 1 SUD stay	100%	92%
	patients w/ 2 or more SUD stays	.00%	8.2%
	Average LOS for all SUD stays	22.5	24.4
	No Non-SUD stays	.00%	60%
	1 or more Non-SUD stays	100%	40%
	LOS for all index stays	22.5	24.4

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

VETS INTEGRATED SERVICES NETWORK=23

Treatment Utilization		NE
		VA NEB- WESTERN IA
	Unique Patients	1
	Alcohol Only	.00%
	Drug Only	.00%
	Drug and Alcohol	100%
	stays w/ Psych Dx	.00%
	patients w/ 1 SUD stay	100%
	patients w/ 2 or more SUD stays	.00%
	Average LOS for all SUD stays	92.0
	No Non-SUD stays	100%
	1 or more Non-SUD stays	.00%
	LOS for all index stays	92.0

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

Treatment Utilization		VETS INTEGRATED SERVICES NETWORK											
		1	2	3	4	5	6	7	8	9	10	11	12
	Unique Patients	727	3	15	106	2	234	3	6	8	237	237	1
	Alcohol Only	31%	.00%	20%	38%	.00%	7.3%	.00%	.00%	38%	.84%	7.2%	.00%
	Drug Only	10%	.00%	20%	17%	.00%	20%	33%	.00%	13%	17%	22%	100%
	Drug and Alcohol	59%	100%	60%	45%	100%	72%	67%	100%	50%	81%	68%	.00%
	stays w/ Psych Dx	52%	100%	53%	46%	100%	32%	100%	50%	25%	35%	31%	.00%
	patients w/ 1 SUD stay	69%	67%	100%	80%	100%	96%	100%	50%	100%	85%	94%	100%
	patients w/ 2 or more SUD stays	31%	33%	.00%	20%	.00%	4.3%	.00%	50%	.00%	15%	5.9%	.00%
	Average LOS for all SUD stays	8.6	3.7	15.1	2.5	10.0	18.6	12.0	9.2	4.1	5.5	7.5	226
	No Non-SUD stays	54%	.00%	40%	13%	.00%	53%	.00%	.00%	50%	46%	64%	.00%
	1 or more Non-SUD stays	46%	100%	60%	87%	100%	47%	100%	100%	50%	54%	36%	100%
	LOS for all index stays	8.6	3.7	15.1	2.5	10.0	18.6	12.0	9.2	4.1	5.5	7.5	226

Diagnostic Characteristics and Episodes of Care for SUD Inpatients Discharged from Specialized Units in  
Fiscal Year 2003

Treatment Utilization		VETS INTEGRATED SERVICES NETWORK							
		15	16	17	18	20	21	22	23
	Unique Patients	2	39	3	2	320	147	332	1
	Alcohol Only	.00%	7.7%	.00%	.00%	6.9%	14%	19%	.00%
	Drug Only	.00%	18%	.00%	.00%	17%	14%	13%	.00%
	Drug and Alcohol	100%	74%	33%	100%	76%	71%	68%	100%
	stays w/ Psych Dx	.00%	51%	67%	50%	60%	69%	40%	.00%
	patients w/ 1 SUD stay	100%	97%	100%	50%	90%	96%	92%	100%
	patients w/ 2 or more SUD stays	.00%	2.6%	.00%	50%	10%	4.1%	8.1%	.00%
	Average LOS for all SUD stays	5.0	13.3	14.3	6.5	7.2	18.5	24.4	92.0
	No Non-SUD stays	.00%	23%	.00%	.00%	72%	47%	59%	100%
	1 or more Non-SUD stays	100%	77%	100%	100%	28%	53%	41%	.00%
	LOS for all index stays	5.0	13.3	14.3	6.5	7.2	18.5	24.4	92.0



## **Appendix F**

**Diagnostic Characteristics and Episodes of Care for SUD Inpatients Not  
Discharged from Specialized Units in Fiscal Year 2003  
(by VISN and Facility)**

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=1

Treatment Utilization	CT	MA			ME	RI	VT
	WEST HAVEN	BEDFORD	BOSTON	NORTHAMPTON	TOGUS	PROVIDENCE	WHITE RIVER
Unique Patients	454	343	678	424	242	363	169
Patients w/ 1 Psych stay	57%	29%	37%	63%	34%	64%	67%
Patients w/ 2 or more Psych stays	43%	71%	63%	37%	66%	36%	33%
Index Length LOS for Psych stays	14.5	4.3	6.7	19.0	5.1	6.6	7.1
LOS for all Psych stays	25.8	17.3	22.6	37.5	13.5	12.4	11.6
Patients w/ 1 or more Med Stays	27%	36%	39%	34%	30%	41%	50%
SUD Patients W/ Med and no Psych	241	81	242	68	105	127	61
Patients w/ Psych Index Stay	27%	22%	24%	53%	19%	42%	43%
Patients w/ 1 med stay	50%	58%	40%	62%	36%	60%	57%
Patients w/ 2 or more med stays	50%	42%	60%	38%	64%	40%	43%
Index Length LOS for Med only stays	6.5	3.0	5.1	4.0	4.7	3.3	4.0
LOS for all Med only stays	14.8	4.7	12.8	7.5	10.2	7.9	8.8

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=2

Treatment Utilization	NY
	UPSTATE N.Y.
Unique Patients	1465
Patients w/ 1 Psych stay	63%
Patients w/ 2 or more Psych stays	37%
Index Length LOS for Psych stays	7.3
LOS for all Psych stays	13.2
Patients w/ 1 or more Med Stays	34%
SUD Patients W/ Med and no Psych	676
Patients w/ Psych Index Stay	34%
Patients w/ 1 med stay	53%
Patients w/ 2 or more med stays	47%
Index Length LOS for Med only stays	4.9
LOS for all Med only stays	10.2

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=3

Treatment Utilization	NJ	NY			
	EAST ORANGE	BRONX	MONTROSE HUDSON	N.Y. HARBOR	NORTHPORT
Unique Patients	664	398	197	1122	177
Patients w/ 1 Psych stay	37%	30%	29%	52%	18%
Patients w/ 2 or more Psych stays	63%	71%	71%	48%	82%
Index Length LOS for Psych stays	7.9	7.8	9.0	6.6	9.2
LOS for all Psych stays	20.9	34.4	37.0	14.6	29.6
Patients w/ 1 or more Med Stays	32%	38%	57%	34%	43%
SUD Patients W/ Med and no Psych	297	198	37	506	65
Patients w/ Psych Index Stay	21%	15%	24%	28%	11%
Patients w/ 1 med stay	37%	42%	35%	51%	31%
Patients w/ 2 or more med stays	63%	58%	65%	49%	69%
Index Length LOS for Med only stays	4.5	7.6	5.2	4.8	4.2
LOS for all Med only stays	14.4	19.4	12.3	10.8	16.4

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=4

Treatment Utilization	DE
	WILMINGTON
Unique Patients	122
Patients w/ 1 Psych stay	52%
Patients w/ 2 or more Psych stays	48%
Index Length LOS for Psych stays	6.6
LOS for all Psych stays	11.1
Patients w/ 1 or more Med Stays	22%
SUD Patients W/ Med and no Psych	95
Patients w/ Psych Index Stay	11%
Patients w/ 1 med stay	57%
Patients w/ 2 or more med stays	43%
Index Length LOS for Med only stays	5.1
LOS for all Med only stays	12.6

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=4

Treatment Utilization		PA							
		JAMES E VAN ZANDT	BUTLER	COATESVILLE	ERIE	LEBANON	PHILADELPHIA	PITTSBURGH	WILKES BARRE
	Unique Patients	70	38	355	38	241	663	805	234
	Patients w/ 1 Psych stay	86%	90%	67%	88%	19%	32%	46%	34%
	Patients w/ 2 or more Psych stays	14%	10%	33%	13%	81%	68%	54%	66%
	Index Length LOS for Psych stays	6.3	4.0	23.9	3.8	4.0	7.0	9.7	3.2
	LOS for all Psych stays	6.8	4.0	31.4	4.9	17.3	17.1	22.3	13.2
	Patients w/ 1 or more Med Stays	30%	26%	47%	21%	63%	30%	42%	28%
	SUD Patients W/ Med and no Psych	49	28	78	30	49	337	286	83
	Patients w/ Psych Index Stay	26%	24%	52%	18%	15%	16%	30%	22%
	Patients w/ 1 med stay	57%	71%	68%	40%	51%	34%	46%	57%
	Patients w/ 2 or more med stays	43%	29%	32%	60%	49%	66%	54%	43%
	Index Length LOS for Med only stays	5.4	3.1	5.4	4.0	4.0	5.3	4.8	3.9
	LOS for all Med only stays	11.4	5.0	8.6	8.4	6.9	15.0	11.6	7.0

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=4

Treatment Utilization	WV
	CLARKSBURG
Unique Patients	268
Patients w/ 1 Psych stay	60%
Patients w/ 2 or more Psych stays	40%
Index Length LOS for Psych stays	13.5
LOS for all Psych stays	18.3
Patients w/ 1 or more Med Stays	29%
SUD Patients W/ Med and no Psych	130
Patients w/ Psych Index Stay	31%
Patients w/ 1 med stay	55%
Patients w/ 2 or more med stays	45%
Index Length LOS for Med only stays	8.3
LOS for all Med only stays	13.4

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=5

Treatment Utilization	DC	MD	WV
	WASHINGTON	BALTIMORE	MARTINSBURG
Unique Patients	808	1081	605
Patients w/ 1 Psych stay	57%	62%	51%
Patients w/ 2 or more Psych stays	43%	38%	49%
Index Length LOS for Psych stays	5.9	4.6	6.0
LOS for all Psych stays	12.1	14.9	12.8
Patients w/ 1 or more Med Stays	34%	33%	41%
SUD Patients W/ Med and no Psych	383	472	236
Patients w/ Psych Index Stay	30%	35%	31%
Patients w/ 1 med stay	44%	60%	65%
Patients w/ 2 or more med stays	56%	40%	35%
Index Length LOS for Med only stays	4.1	4.7	4.8
LOS for all Med only stays	13.4	8.3	8.1



Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=6

Treatment Utilization	NC				VA			WV
	DURHAM	FAYETTEVILLE	ASHEVILLE	SALISBURY	HAMPTON	RICHMOND	SALEM	BECKLEY
Unique Patients	670	332	291	393	725	433	382	67
Patients w/ 1 Psych stay	61%	56%	59%	21%	41%	68%	39%	80%
Patients w/ 2 or more Psych stays	39%	44%	41%	79%	59%	32%	61%	20%
Index Length LOS for Psych stays	5.9	6.0	6.6	3.3	5.7	5.6	7.2	7.2
LOS for all Psych stays	10.6	11.4	13.1	15.4	13.2	10.1	21.1	9.8
Patients w/ 1 or more Med Stays	27%	31%	42%	31%	40%	25%	32%	15%
SUD Patients W/ Med and no Psych	296	147	131	201	174	222	167	57
Patients w/ Psych Index Stay	34%	31%	32%	10%	31%	33%	22%	12%
Patients w/ 1 med stay	46%	57%	57%	29%	49%	56%	54%	42%
Patients w/ 2 or more med stays	54%	43%	43%	71%	51%	44%	46%	58%
Index Length LOS for Med only stays	3.9	4.4	5.7	3.0	4.4	4.7	4.1	4.2
LOS for all Med only stays	9.5	7.1	13.3	10.5	9.1	10.9	10.2	13.0

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=7

Treatment Utilization	AL			GA			SC	
	BIRMINGHAM	MONTGOMERY	TUSCALOOSA	ATLANTA	AUGUSTA	DUBLIN	CHARLESTON	COLUMBIA
Unique Patients	305	478	303	682	744	158	462	403
Patients w/ 1 Psych stay	55%	60%	17%	71%	43%	76%	70%	69%
Patients w/ 2 or more Psych stays	45%	40%	83%	29%	57%	24%	30%	31%
Index Length LOS for Psych stays	3.3	7.0	5.3	7.5	5.9	5.8	6.3	5.9
LOS for all Psych stays	9.4	13.6	41.0	11.2	16.2	7.0	10.7	9.4
Patients w/ 1 or more Med Stays	24%	36%	74%	19%	40%	16%	24%	24%
SUD Patients W/ Med and no Psych	231	188	25	358	228	133	258	233
Patients w/ Psych Index Stay	13%	36%	16%	34%	30%	12%	31%	29%
Patients w/ 1 med stay	56%	62%	24%	64%	54%	52%	54%	61%
Patients w/ 2 or more med stays	44%	38%	76%	36%	46%	48%	46%	39%
Index Length LOS for Med only stays	4.2	5.1	5.4	5.0	4.2	5.2	4.3	5.2
LOS for all Med only stays	9.0	8.9	19.2	8.4	9.5	10.2	8.8	10.4

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=8

Treatment Utilization	FL					PR
	W PALM BEACH	BAY PINES	MIAMI	N FL/S GA	TAMPA	SAN JUAN
Unique Patients	637	1144	698	932	967	580
Patients w/ 1 Psych stay	59%	66%	66%	72%	60%	62%
Patients w/ 2 or more Psych stays	41%	34%	34%	28%	40%	38%
Index Length LOS for Psych stays	4.9	6.8	5.0	5.0	6.1	7.1
LOS for all Psych stays	10.0	11.2	8.1	7.3	11.3	10.5
Patients w/ 1 or more Med Stays	38%	26%	26%	26%	32%	29%
SUD Patients W/ Med and no Psych	285	695	373	495	482	286
Patients w/ Psych Index Stay	33%	26%	31%	34%	30%	31%
Patients w/ 1 med stay	47%	53%	56%	57%	54%	50%
Patients w/ 2 or more med stays	53%	47%	44%	43%	46%	50%
Index Length LOS for Med only stays	4.4	5.3	3.8	4.9	4.7	6.4
LOS for all Med only stays	10.3	11.0	8.8	10.8	10.2	13.8

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=9

Treatment Utilization		KY		TN			WV
		LEXINGTON-LEESTOWN	LOUISVILLE	MEMPHIS	MOUNTAIN HOME	TENN NASH	HUNTINGTON
	Unique Patients	449	475	719	537	1173	103
	Patients w/ 1 Psych stay	74%	61%	68%	58%	43%	85%
	Patients w/ 2 or more Psych stays	26%	39%	32%	42%	57%	15%
	Index Length LOS for Psych stays	6.0	6.6	8.0	6.2	7.4	3.8
	LOS for all Psych stays	7.4	12.3	13.6	11.3	19.4	6.2
	Patients w/ 1 or more Med Stays	25%	29%	18%	39%	30%	26%
	SUD Patients W/ Med and no Psych	229	230	448	229	555	76
	Patients w/ Psych Index Stay	36%	32%	25%	34%	23%	22%
	Patients w/ 1 med stay	59%	49%	65%	64%	44%	53%
	Patients w/ 2 or more med stays	41%	51%	35%	36%	56%	47%
	Index Length LOS for Med only stays	3.9	4.0	5.6	5.5	7.3	5.8
	LOS for all Med only stays	8.3	9.0	10.2	8.7	13.8	13.1

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
2005

VETS INTEGRATED SERVICES NETWORK=10

Treatment Utilization	OH			
	CHILLICOTHE	CINCINNATI	CLEVELAND	DAYTON
Unique Patients	568	448	1010	571
Patients w/ 1 Psych stay	65%	54%	71%	61%
Patients w/ 2 or more Psych stays	35%	46%	29%	39%
Index Length LOS for Psych stays	4.3	7.1	10.1	5.4
LOS for all Psych stays	7.6	13.5	14.5	9.9
Patients w/ 1 or more Med Stays	42%	33%	25%	32%
SUD Patients W/ Med and no Psych	211	217	501	286
Patients w/ Psych Index Stay	41%	28%	36%	30%
Patients w/ 1 med stay	73%	49%	60%	58%
Patients w/ 2 or more med stays	27%	51%	40%	42%
Index Length LOS for Med only stays	3.5	5.1	4.9	4.0
LOS for all Med only stays	5.0	10.1	9.4	8.5

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=11

Treatment Utilization		IL	IN		MI			
		ILLIANA DANVILLE	INDIANAPOLIS	NORTHERN INDIANA	ANN ARBOR	BATTLE CREEK	DETROIT VAMC	SAGINAW
	Unique Patients	272	568	216	391	492	587	81
	Patients w/ 1 Psych stay	16%	69%	59%	60%	30%	69%	47%
	Patients w/ 2 or more Psych stays	84%	31%	41%	40%	70%	31%	53%
	Index Length LOS for Psych stays	54.6	5.6	17.8	8.4	9.2	5.9	3.4
	LOS for all Psych stays	105	9.4	57.2	16.1	29.1	8.9	5.7
	Patients w/ 1 or more Med Stays	48%	23%	38%	32%	42%	20%	23%
	SUD Patients W/ Med and no Psych	92	352	81	185	138	318	62
	Patients w/ Psych Index Stay	11%	26%	37%	31%	21%	32%	11%
	Patients w/ 1 med stay	45%	51%	60%	43%	42%	67%	55%
	Patients w/ 2 or more med stays	55%	49%	40%	57%	58%	33%	45%
	Index Length LOS for Med only stays	4.2	4.0	4.8	4.9	4.9	5.0	4.0
	LOS for all Med only stays	10.1	9.7	8.0	13.1	10.1	9.5	9.4

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=12

Treatment Utilization	IL			MI	WI		
	VA CHICAGO	NORTH CHICAGO	HINES	IRON MOUNTAIN	MADISON	TOMAH	MILWAUKEE
Unique Patients	929	398	713	107	397	176	926
Patients w/ 1 Psych stay	56%	55%	63%	68%	63%	68%	64%
Patients w/ 2 or more Psych stays	44%	45%	37%	32%	37%	32%	36%
Index Length LOS for Psych stays	8.1	10.7	7.1	2.7	8.2	4.2	4.4
LOS for all Psych stays	14.5	23.1	13.3	3.9	13.2	7.3	7.4
Patients w/ 1 or more Med Stays	34%	46%	39%	32%	24%	39%	26%
SUD Patients W/ Med and no Psych	352	111	286	73	220	72	495
Patients w/ Psych Index Stay	35%	39%	38%	21%	28%	40%	30%
Patients w/ 1 med stay	51%	66%	55%	47%	56%	79%	51%
Patients w/ 2 or more med stays	49%	34%	45%	53%	44%	21%	49%
Index Length LOS for Med only stays	4.0	4.5	5.8	3.5	4.5	3.9	4.2
LOS for all Med only stays	8.8	7.8	13.5	9.0	9.1	5.6	9.4

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=15

Treatment Utilization	MO	
	VAMC HEARTLAND-W KANSAS MO	VA HEARTLAND-E VH MO
Unique Patients	1965	1478
Patients w/ 1 Psych stay	48%	63%
Patients w/ 2 or more Psych stays	52%	37%
Index Length LOS for Psych stays	9.4	5.8
LOS for all Psych stays	22.0	9.7
Patients w/ 1 or more Med Stays	37%	34%
SUD Patients W/ Med and no Psych	780	658
Patients w/ Psych Index Stay	29%	35%
Patients w/ 1 med stay	53%	62%
Patients w/ 2 or more med stays	47%	38%
Index Length LOS for Med only stays	4.1	4.7
LOS for all Med only stays	9.1	9.5



Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=16

Treatment Utilization		AR		LA		
		FAYETTEVILLE AR	LITTLE ROCK	ALEXANDRIA	NEW ORLEANS	SHREVEPORT
	Unique Patients	430	848	366	583	449
	Patients w/ 1 Psych stay	68%	47%	28%	72%	69%
	Patients w/ 2 or more Psych stays	32%	53%	72%	28%	31%
	Index Length LOS for Psych stays	5.2	8.0	7.1	5.2	4.7
	LOS for all Psych stays	8.7	27.0	26.1	7.8	8.2
	Patients w/ 1 or more Med Stays	34%	39%	43%	25%	29%
	SUD Patients W/ Med and no Psych	180	341	128	278	207
	Patients w/ Psych Index Stay	40%	28%	18%	38%	37%
	Patients w/ 1 med stay	52%	44%	49%	63%	47%
	Patients w/ 2 or more med stays	48%	56%	51%	37%	53%
	Index Length LOS for Med only stays	4.4	4.5	6.0	3.8	4.8
	LOS for all Med only stays	8.4	13.4	16.3	7.5	11.3

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=16

Treatment Utilization	MS		OK		TX
	GULF COAST	JACKSON	MUSKOGEE	OKLAHOMA CITY	HOUSTON
Unique Patients	459	423	184	743	765
Patients w/ 1 Psych stay	64%	66%	55%	72%	62%
Patients w/ 2 or more Psych stays	36%	34%	45%	28%	38%
Index Length LOS for Psych stays	12.0	7.7	5.3	6.9	7.9
LOS for all Psych stays	20.5	15.0	12.0	10.8	13.6
Patients w/ 1 or more Med Stays	33%	32%	24%	29%	23%
SUD Patients W/ Med and no Psych	173	191	140	369	412
Patients w/ Psych Index Stay	40%	36%	13%	36%	28%
Patients w/ 1 med stay	55%	57%	52%	54%	46%
Patients w/ 2 or more med stays	45%	43%	48%	46%	54%
Index Length LOS for Med only stays	6.9	4.4	4.1	4.6	5.5
LOS for all Med only stays	12.9	9.4	8.6	10.2	14.8

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=17

Treatment Utilization	TX		
	DALLAS	SAN ANTONIO	VA CENTRAL TEXAS
Unique Patients	1067	1063	845
Patients w/ 1 Psych stay	73%	64%	52%
Patients w/ 2 or more Psych stays	27%	36%	48%
Index Length LOS for Psych stays	6.9	7.6	6.9
LOS for all Psych stays	11.1	12.5	16.4
Patients w/ 1 or more Med Stays	28%	33%	43%
SUD Patients W/ Med and no Psych	483	428	365
Patients w/ Psych Index Stay	40%	38%	30%
Patients w/ 1 med stay	59%	58%	58%
Patients w/ 2 or more med stays	41%	42%	42%
Index Length LOS for Med only stays	4.7	5.1	6.9
LOS for all Med only stays	10.9	10.8	14.5

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=18

Treatment Utilization		AZ			NM	TX	
		PHOENIX	NORTHERN ARIZONA	SOUTHERN ARIZONA	NEW MEXICO	AMARILLO	WEST TEXAS
	Unique Patients	1317	113	730	623	219	77
	Patients w/ 1 Psych stay	59%	59%	66%	67%	68%	70%
	Patients w/ 2 or more Psych stays	41%	41%	34%	33%	32%	30%
	Index Length LOS for Psych stays	5.6	6.1	7.0	7.0	4.1	3.2
	LOS for all Psych stays	9.6	10.0	9.9	12.0	5.7	5.3
	Patients w/ 1 or more Med Stays	33%	26%	29%	23%	37%	35%
	SUD Patients W/ Med and no Psych	604	84	339	351	138	50
	Patients w/ Psych Index Stay	32%	15%	36%	29%	25%	25%
	Patients w/ 1 med stay	61%	55%	53%	53%	50%	38%
	Patients w/ 2 or more med stays	39%	45%	47%	47%	50%	62%
	Index Length LOS for Med only stays	4.5	7.2	4.0	4.3	3.5	3.6
	LOS for all Med only stays	9.0	12.3	8.1	8.7	7.1	8.5

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=19

Treatment Utilization	CO		MT	UT	WY	
	DENVER	GRAND JUNCTION	FORT HARRISON	SALT LAKE CITY	CHEYENNE	SHERIDAN
Unique Patients	587	168	235	482	63	280
Patients w/ 1 Psych stay	64%	61%	59%	59%	33%	8.1%
Patients w/ 2 or more Psych stays	36%	39%	41%	41%	67%	92%
Index Length LOS for Psych stays	15.3	5.0	3.9	8.1	2.4	4.9
LOS for all Psych stays	23.8	8.0	11.3	14.2	6.7	28.5
Patients w/ 1 or more Med Stays	25%	44%	29%	32%	24%	63%
SUD Patients W/ Med and no Psych	279	57	166	216	48	59
Patients w/ Psych Index Stay	34%	40%	17%	33%	7.9%	6.4%
Patients w/ 1 med stay	57%	58%	53%	46%	25%	17%
Patients w/ 2 or more med stays	43%	42%	47%	54%	75%	83%
Index Length LOS for Med only stays	4.6	4.3	4.5	4.0	3.4	6.0
LOS for all Med only stays	9.6	6.7	9.1	10.1	9.8	20.8

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=20

Treatment Utilization	ID	OR		WA		
	BOISE	PORTLAND	VA ROSEBURG	PUGET SOUND	SPOKANE	WALLA WALLA
Unique Patients	335	654	366	760	174	46
Patients w/ 1 Psych stay	64%	63%	59%	70%	62%	89%
Patients w/ 2 or more Psych stays	36%	37%	41%	30%	38%	11%
Index Length LOS for Psych stays	6.8	7.9	8.2	9.7	6.6	6.4
LOS for all Psych stays	9.4	13.1	14.2	14.6	10.5	6.8
Patients w/ 1 or more Med Stays	42%	26%	46%	34%	24%	18%
SUD Patients W/ Med and no Psych	133	348	97	205	90	27
Patients w/ Psych Index Stay	39%	30%	44%	51%	30%	37%
Patients w/ 1 med stay	61%	54%	46%	47%	62%	74%
Patients w/ 2 or more med stays	39%	46%	54%	53%	38%	26%
Index Length LOS for Med only stays	4.0	4.0	4.2	4.6	4.2	3.6
LOS for all Med only stays	7.9	9.2	8.4	12.1	9.3	5.9

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=21

Treatment Utilization	CA				HI	NV
	CENTRAL CALIFORNIA	NCHC MARTINEZ	PALO ALTO	SAN FRANCISCO	HONOLULU	SIERRA NEVADA
Unique Patients	325	203	837	440	113	425
Patients w/ 1 Psych stay	69%	71%	60%	58%	48%	64%
Patients w/ 2 or more Psych stays	31%	29%	40%	42%	52%	36%
Index Length LOS for Psych stays	5.0	6.6	12.8	6.5	11.9	5.0
LOS for all Psych stays	8.7	8.7	22.8	11.4	20.5	7.9
Patients w/ 1 or more Med Stays	29%	17%	41%	23%	52%	27%
SUD Patients W/ Med and no Psych	128	168	238	273	12	190
Patients w/ Psych Index Stay	42%	12%	43%	22%	42%	35%
Patients w/ 1 med stay	67%	51%	62%	37%	92%	63%
Patients w/ 2 or more med stays	33%	49%	38%	63%	8.3%	37%
Index Length LOS for Med only stays	4.6	3.6	5.9	3.6	5.0	4.1
LOS for all Med only stays	7.3	7.4	11.0	10.5	6.3	7.7

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=22

Treatment Utilization	NV	CA			
	SOUTHERN NEVADA	LONG BEACH	LOMA LINDA	SAN DIEGO	GREATER LA
Unique Patients	271	386	710	434	1005
Patients w/ 1 Psych stay	72%	53%	63%	69%	62%
Patients w/ 2 or more Psych stays	28%	47%	37%	31%	38%
Index Length LOS for Psych stays	6.8	6.0	6.5	8.2	15.4
LOS for all Psych stays	9.7	13.7	11.5	13.6	27.8
Patients w/ 1 or more Med Stays	28%	32%	33%	25%	31%
SUD Patients W/ Med and no Psych	111	187	334	209	483
Patients w/ Psych Index Stay	42%	27%	34%	36%	32%
Patients w/ 1 med stay	67%	55%	58%	56%	50%
Patients w/ 2 or more med stays	33%	45%	42%	44%	50%
Index Length LOS for Med only stays	5.4	4.1	4.7	3.8	5.7
LOS for all Med only stays	8.8	8.9	8.3	8.4	14.9



Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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VETS INTEGRATED SERVICES NETWORK=23

Treatment Utilization	MN		ND	NE	SD	
	MINNEAPOLIS	ST CLOUD	FARGO	WESTERN IA	SIOUX FALLS	FORT MEADE
Unique Patients	623	353	163	888	201	204
Patients w/ 1 Psych stay	64%	63%	59%	65%	64%	65%
Patients w/ 2 or more Psych stays	36%	37%	41%	35%	36%	35%
Index Length LOS for Psych stays	7.3	4.1	5.9	6.0	4.9	6.9
LOS for all Psych stays	11.9	8.4	9.2	10.3	9.3	11.7
Patients w/ 1 or more Med Stays	32%	46%	37%	32%	34%	42%
SUD Patients W/ Med and no Psych	311	60	67	396	99	91
Patients w/ Psych Index Stay	32%	52%	35%	36%	32%	36%
Patients w/ 1 med stay	43%	85%	70%	52%	66%	53%
Patients w/ 2 or more med stays	57%	15%	30%	48%	34%	47%
Index Length LOS for Med only stays	3.5	4.8	4.6	4.4	4.1	3.7
LOS for all Med only stays	9.9	5.4	7.3	8.9	6.9	8.5

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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Treatment Utilization		VETS INTEGRATED SERVICES NETWORK											
		1	2	3	4	5	6	7	8	9	10	11	12
	Unique Patients	2673	1465	2558	2834	2494	3293	3535	4958	3456	2597	2607	3646
	Patients w/ 1 Psych stay	49%	63%	40%	45%	58%	49%	53%	64%	57%	64%	49%	61%
	Patients w/ 2 or more Psych stays	51%	37%	60%	55%	42%	51%	47%	36%	43%	36%	51%	39%
	Index Length LOS for Psych stays	9.8	7.3	7.5	10.5	5.3	5.7	6.2	5.8	7.0	7.2	14.6	7.2
	LOS for all Psych stays	22.5	13.2	22.5	20.5	13.5	13.2	17.0	9.8	14.2	11.6	32.4	13.3
	Patients w/ 1 or more Med Stays	36%	34%	36%	36%	35%	31%	29%	29%	28%	31%	30%	33%
	SUD Patients W/ Med and no Psych	925	676	1103	1165	1091	1395	1654	2616	1767	1215	1228	1609
	Patients w/ Psych Index Stay	32%	34%	23%	26%	32%	28%	28%	30%	28%	34%	26%	34%
	Patients w/ 1 med stay	49%	53%	44%	48%	55%	49%	58%	53%	55%	60%	53%	54%
	Patients w/ 2 or more med stays	51%	47%	56%	52%	45%	51%	42%	47%	45%	40%	47%	46%
	Index Length LOS for Med only stays	4.8	4.9	5.2	5.3	4.5	4.2	4.7	4.9	5.7	4.5	4.5	4.5
	LOS for all Med only stays	11.0	10.2	13.7	11.9	10.1	10.1	9.3	10.7	10.9	8.5	10.1	9.6

Diagnostic Characteristics and Episodes of Care for Inpatients Not Discharged from Specialized Units in  
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Treatment Utilization	VETS INTEGRATED SERVICES NETWORK								
	15	16	17	18	19	20	21	22	23
Unique Patients	3443	5250	2975	3079	1815	2335	2343	2806	2432
Patients w/ 1 Psych stay	54%	60%	64%	63%	49%	66%	61%	63%	64%
Patients w/ 2 or more Psych stays	46%	40%	36%	37%	51%	34%	39%	37%	36%
Index Length LOS for Psych stays	7.9	7.3	7.2	6.1	9.0	8.5	9.3	9.8	5.8
LOS for all Psych stays	17.0	15.9	13.1	9.8	19.4	13.1	16.1	17.7	10.2
Patients w/ 1 or more Med Stays	36%	31%	35%	30%	34%	33%	29%	30%	35%
SUD Patients W/ Med and no Psych	1438	2419	1276	1566	825	900	1009	1324	1024
Patients w/ Psych Index Stay	31%	33%	36%	31%	27%	40%	35%	33%	37%
Patients w/ 1 med stay	57%	51%	58%	55%	48%	54%	54%	55%	54%
Patients w/ 2 or more med stays	43%	49%	42%	45%	52%	46%	46%	45%	46%
Index Length LOS for Med only stays	4.4	4.8	5.5	4.4	4.4	4.2	4.4	4.9	4.1
LOS for all Med only stays	9.3	11.4	11.9	8.7	10.3	9.5	9.1	10.8	8.7